Tennessee Wesleyan College

Catalogue 1983-1984

Tennessee Wesleyan College admits students of any race, color, national and ethnic orig to all the rights, privileges, programs, and activities generally accorded or made availab to students at the college. It does not discriminate on the basis of race, color, creed national and ethnic origin in administration of its educational policies, and athletic ar other college-administered programs.

It is the policy of Tennessee Wesleyan College not to discriminate on the basis of sex in educational programs, activities or employment policies as required by Title IX of the 19 Education Admendments.

TENNESSEE WESLEYAN COLLEGE

VOLUME 54 FALL 1983 NUMBE

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Tennessee Wesleyan College

ATHENS, TENNESSEE

Catalogue
1983-1984

A Four-Year Liberal Arts College
Related To The Holston Conference
Of The United Methodist Church
Founded In 1857

The College reserves the right to change the rules regulating admission to the institution and any other regulations affecting the student body or the granting of degrees.

The College also reserves the right to withdraw courses, to change its calendar, and to alter charges and fees as conditions may require. Such changes shall go into force whenever the proper authorities may determine and shall apply not only to prospective students but also to those who may, at such time, be matriculated in the College.

The College further reserves the right to refuse to release to any student the transcript, grade report, or degree for failure to return College property or to pay any accounts due to the College.

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A Christian College

A DEFINITION OF A CHRISTIAN COLLEGE

A Christian College by definition, as applied to Holston Conference colleges, must—

First, provide persons, without regard to sex, race, national or ethnic origin, with a quality education and a Christian community of learning and fellowship where such an education is possible, through both traditional and innovative programs.

However, a Christian college, both as a part of this process and going beyond it, must seek to prepare persons—

to seek the full truth

to attain vocational competence

to witness through service and example

to make decisions with wisdom and understanding

to develop and identify as one's own a philosophy of life adequate to the demands of our day, and

to face the hard questions of values and the relevancy of Jesus Christ in order that the church, the nation, and the world might have concerned citizens and the leadership so essential for tomorrow.

A POINT OF VIEW

Lest our present generation deny its heritage by adopting the past unchanged, we subscribe to the following Point of View as an indication of what this College can continue to become:

We of Tennessee Wesleyan College share a concern for the total man and his development in an uncertain tomorrow. We perceive ourselves not as a fragmented body of students, faculty, and administration, but as an integrated community of scholars dedicated to excellence, standing in the Christian heritage, and caught up in the search for continuing relevance and direction. We do not know where this search will ultimately lead us, but we are certain that properly directed it will prove to be one of the most valued experiences of our lives. Our intentions are:

To engage in experiences emphasizing character, responsibility, and leadership;

to awaken needs, to stimulate involvement and inward responsiveness, and to point to valid sources of knowledge;

to be challenged by the broad sweep of knowledge and beauty;

to relate our disciplines to each other;

to stimulate an interest in and an appreciation for the natural world;

to respond, not merely react, to one another;

to seek an understanding of man;

to ask questions we cannot answer;

to risk ourselves and our values;

to seek new forms for encounter;

to be intercultural, interfaith, interracial, and international.

Our expectations are that those who participate will:

acquire a meaningful set of values with which to make choices and become involved in the vital issues of life;

become persons with identity;

join in the excitement of problem-solving and theory-making;

gain understanding of a single discipline while developing broad knowledge of many fields, acquire aesthetic values and experience beauty;

be discriminating, yet tolerant;

become aware of the unity of all knowledge;

cope rationally with and contribute constructively to their world;

acquire skills for making a living that will be of service to others.

Our conviction is that our intentions and expectations are compatible with our heritage as a Christian college of the liberal arts. With regard to our faith we affirm that "a church college does not have a religious program. It is a religious program."

This, then, is Tennessee Wesleyan's POINT OF VIEW. We see it not only as preparation for life but also as a way to live. We present it not as a formula for success nor as a precise method of instruction, but as a challenge which we hope will provoke thought and commitment. We invite all who come here to join us in this adventure.

A History of Service

For more than a century Tennessee Wesleyan College has been a major center of learning in the Sweetwater Valley. Since its beginnings as Athens Female College in 1857, TWC has enjoyed an ongoing and dynamic relationship with one of the branches of The Methodist Church, first under the sponsorship of the Holston Conference of the Methodist Episcopal Church, South; then in 1866, under the Methodist Episcopal Church. At this point the College became East Tennessee Wesleyan College.

In 1867 the name again changed to East Tennessee Wesleyan University, in 1886 to Grant Memorial University, in 1889 to U.S. Grant University, with divisions in Athens and Chattanooga, and in 1906 to the Athens School of the University of Chattanooga.

The year 1925 saw the College become independent with a charter issued by the State of Tennessee, and the name of Tennessee Wesleyan College was adopted.

While the College's name changed often, the reasons for its being remained constant — providing a solid Christian education in a stimulating learning environment.

TWC served as a junior college from 1925 until 1954, when it became a senior college, a long awaited dream. The first baccalaureate degrees were awarded on June 1, 1957.

Today, TWC continues to provide its students with a setting for genuine intellectual and personal growth.

Programs With A Purpose

Tennessee Wesleyan takes pride in its role as a small college with baccalaureate programs in business, education, and the liberal arts operating in the education system of The United Methodist Church. This program allows for an in-depth relationship between the instructor and student and a strong personal identity of the student with the institution. It is designed to prepare graduates under the respective majors to be knowledgeable, able to think critically and creatively, and to develop a basis for judgment. We believe these to be the elements by which leadership is produced in the arts, business, and industry. The entire program is predicated on the Christian faith which continues to be man's best hope in his search for Truth.

Your Academic Opportunity

—To Achieve Competency In Your Major Field

Whether it's Business, Teaching, Chemistry, Human Services, or one of the many others TWC wants you to have mastered the fundamentals necessary for the career you have chosen upon graduating.

—To Enrich and Enlarge Your Major With Electives In The Broad Field Of The Liberal Arts

The Objective is to equip you to keep in the mainstream of a rapidly changing global scene... and to give you more options and greater mobility in your career.

—For Individual Attention And Self-pacing

Through personal, educational and career planning you can discover your own strengths and weaknesses, and, together with faculty, design a program to increase your strengths and overcome your weaknesses.

—For Practical Experiences

Students preparing to teach are given practical classroom experience. Similarly, the faculty in all major fields are arranging more and more opportunities for you for on-the-job types of experiences. Those students in Business and Management courses may be a part of a team working side-by-side with operators of business enterprises in the region. Students preparing for church-related and human service fields may serve as caseworkers or assist experienced professionals.

—To Learn The Importance Of High Moral And Ethical Standards In Your Chosen Field

Knowledge, without a standard of values, can be dangerous. Without a sense of social responsibility an individual, business, or institution can exploit persons and work against the best interest of mankind. For these reasons you are given the opportunity to examine religious, philosophical and social value patterns, to round out your education and to enable you to make personal and professional decisions with satisfying results.

Accreditation

A fully accredited senior college, Tennessee Wesleyan's program has been approved by the following accrediting agencies:

The Southern Association of Colleges and Schools
The Tennessee State Board of Education
The University Senate of the United Methodist Church

A Setting For Study

Even the architecture of Tennessee Wesleyan tells you something about the college.

Old College Hall, built in the early 1850's, stands as a symbol of the tradition and heritage of TWC. Briefly during the Civil War it served as a hospital for the wounded. Its strength and durability reflect the resiliency of the college, its varied uses indicate something of the flexibility of the institution.

Just across the walk is the modern Fisher Hall of Science complete with laboratories, lecture rooms and conference rooms and the Merner-Pfeiffer Library with the charm of neo-classical architecture and the openness of a friendly campus learning center.

The campus is well-lighted and there is easy access to all buildings and dormitories.

The fourteen buildings are clustered in the center of the City of Athens where governmental buildings, businesses and churches afford intimate access to the busy life of the county seat community of McMinn County and are visible signs of the harmony of tradition and modernization and the academic and business, political, religious and cultural life of college and community working together that characterize the college.

Major Program of Study

Each student is required to choose a major field of concentration and to complete the requirements of that area as indicated in the college catalog.

The major fields are as follows:

Accounting
Aviation
Behavioral Science
Biology
Business Education
Business Management
Chemistry
Chemistry Education
Church Music
Church Vocations
Communications
Computer Science
Criminal Justice
Elementary Education
English
English Education
Health & P.E.
History
Human Services
Mathematics
Mathematics Education
Mathematics & Physical Sciences
Medical Technology
Music
Music Education
Physical Education
Pre-Seminary
Psychology
Public Administration
Recreation
Science Education
Social Science
Speech and Theater

Besides certification in Elementary Education (grades 1-9), the College has approved programs for certification in Kindergarten and Special Education. Students may be certified in grades 1-12 in Music, and Health and Physical Education. Certification to teach in grades 7-12 is available in the following subject matter areas: Biology, Business, Chemistry, English, History, Mathematics and Physical Science, Physical Education, Psychology, Science, Social Science, Sociology, and Speech.

You may devise an interdisciplinary major. Consult the Office of the Academic Dean for procedural information.

Examples of interdisciplinary Majors already available in church-related vocations include a Pre-Seminary curriculum, Church Music, Church Business Management, Church School Education, Church Camps and Recreation. Many other combinations aimed toward other vocational or interest goals are possible.

Special and pre-professional programs are available to you in Dental Hygiene, Dentistry, Engineering, Forestry, Law, Medicine, Nursing, Optometric Technician, Optometry, Pharmacy, and Physical Therapy.

You officially declare your major by using the prescribed form and filing it in the Office of the Academic Dean.

You should allow at least two academic years to complete the work for a major. The student who waits until the junior or senior year to declare or change a major should expect to spend extra time satisfying the requirements.

STUDENT LIFE

Your years In college should be ones worth remembering for the rest of your life. Memories — inside and outside of the classroom — of friendships, decisions, dreams and experiences, joyfully should accompany you your whole life through.

All of this can happen because there's a special place just for you at TWC. If you've never had the chance to take part in musical, dramatic, athletic, religious, social and professional activities, you will here. Part of the benefit of going to a small college is letting you find that special place for yourself, where you can do what you enjoy doing. It's all part of that special spirit at TWC.

Some of the organizations and activities available to you at Tennessee Wesleyan are listed below, but if you wish, you can create new groups to serve your own needs.

ORGANIZATIONS

Academic

Alpha Chi is a National College Honor Scholarship Society founded in 1922 and now consisting of 119 chapters in 37 states and two countries. It is a general scholarship society open to both men and women who rank in the top ten percent of the junior, senior, and graduating classes and who in addition have an overall 3.2 grade point average. High scholarship is the primary requisite for membership, but good character and reputation are considerations. Elections by the faculty are held annually in the fall. The purpose of the society is to encourage sound scholarship and devotion to the truth, not only among its members, but among all the students on campuses on which there are chapters.

Alpha Psi Omega is a national honorary dramatics fraternity. Membership qualifications are based upon a 2.00 grade point average as well as experience in the field of dramatic productions. Although Alpha Psi is generally composed of Speech and Theater majors, if you meet the national requirements you can be invited to pledge.

Masqued Players is a local organization of students who are involved with the dramatic productions on the Wesleyan campus. This is a large and active organization on our campus and all students interested in theater and drama are encourged to participate. The Drama Workshop is a select touring group of performers from within The Masqued Players.

Delta Rho Mu, an honorary music fraternity, extends membership invitations to music students who have a cumulative average of 3.00 in music course work at the beginning of the third quarter of study. To continue your membership, you must maintain this average.

The **Music Educators National Conference** (MENC) is open to music students who are interested in opportunities for professional development in music education.

Social

Two sororities and one fraternity maintain chapters on the Wesleyan campus. The sororities are Alpha Xi Gamma and Sigma Kappa. The fraternity is Pi Kappa Phi. Both new and returning students are eligible to pledge these organizations. Upon completion of a pledge period, a student with a "C" average and enrolled in at least three courses is eligible to be formally initiated.

Students who choose not to join a fraternity or sorority still have opportunities for full participation in social activities.

Service

The Student Government Association serves as liaison between the student body, faculty, and administration. It seeks to increase the sense of community among students and to aid in the interpretation of college policies. SGA consists of both Legislative and Judicial Councils. Membership, eligibility, and qualifications for office are defined in the Student Handbook. Election is by a simple plurality of votes cast.

The Kiwanis Club sponsors Circle K, a service organization for college men and women. Circle K is a leadership and character-building group serving the campus and community. Membership is by invitation only, and the qualities considered in ascertaining eligibility are your character, scholarship, and leadership. Membership cannot exceed ten percent of the College enrollment.

Athletics

The College stresses the importance of physical training for both men and women by making provision through its athletic program for intercollegiate basketball, golf, tennis, soccer, and baseball. TWC also offers an extensive intramural program for those who want to keep fit just for the fun of it.

The College is a member of NAIA, AIAW, and the Volunteer State Athletic Conference.

The Intramural program is organized to encourage sport programs and activities for Wesleyan students.

As a student, you are given free admission to all athletic events sponsored by the College.

The Athens-McMinn County YMCA is located conveniently on campus property leased from the College. The Y has an indoor-outdoor swimming pool, available on a scheduled basis, to the students, staff and faculty of the College. TWC also uses the pool for instruction in swimming, lifesaving, and water safety. You can have full use of all YMCA facilities for a nominal fee.

Publications

You are invited to serve on the staffs of **The New Exponent**, your student newspaper, **The Nocatula**, your college yearbook, and **The Springs of Helicon**, your literary magazine. Editors of the publications are chosen by The Publication Board.

Health Services

The College has a registered nurse in charge of all health services for the student body. Under this program all health needs of a temporary nature are handled through the infirmary. In cases of prolonged or serious illnesses, students are transferred from the infirmary to the local hospital or to their home.

TWC has an excellent relationship with local physicians and surgeons. There is no charge for services rendered by the nurse or the use of the infirmary facilities. Students will be billed for medications. Where the services of a physician or surgeon are required, the physician will bill the family directly.

The college requires that all students be covered by health insurance. As part of registration, students will be required to complete a form indicating the name of their insurance.

Housing and Food Services

Tennessee Wesleyan operates both men's and women's residence halls. All students must live in college housing and eat in the cafeteria unless they reside with close relatives. The cafeteria features good meals seven days a week and is closed during official college holidays. The residence halls are closed during Thanksgiving, Christmas and Spring holidays. Personal effects may be left in the rooms during regular term vacations, but not during the summer vacation.

Career Counseling and Placement

One of the most important services available to you at TWC will be the opportunity for you to receive career counseling and placement assistance. Your faculty advisor and the Dean of Student Services Office are available to discuss your future goals and to assist in the investigation of the various careers open to you.

If you use the placement service, you should file all requested materials with the Dean of Student Services Office.

Counseling Services

There is a broad range of counseling services available to you at TWC. The staff in the Dean of Student Services Office is able to assist you as it relates to educational, personal or vocational guidance. Other staff and faculty personnel are also available to assist, such as the Campus Minister, the Academic Dean, your faculty advisor and the financial aid staff.

Religious and Cultural Programs

The College offers you a wide range of opportunities for religious and cultural enrichment. Each quarter a series of events is sponsored through the Chapel/Convocation Program. Weekly chapel services, patterned in both traditional and contemporary forms, are enhanced by guest ministers, visiting musical groups, the college choir, the Consolidation, as well as student participation. Convocation programs strive to raise the consciousness of

nterest in our world. They range from political issues to dramatic and musical productions.

Other religious and cultural activities are offered on a continuing basis for your growth nd fellowship. You have a choice of weekly prayer breakfast, the Wesleyan Christian ellowship, individual counseling, the college choir, vocal and wind ensembles, and The Masqued Players. TWC wants you to get involved, for your own sake. The office of the Campus Minister serves as a liaison to you if you are interested in church-related vocations y making available to you current theological school bulletins, the arrangement of neetings with seminary representatives, vocational counseling, and church employment pportunities.

Special efforts are made to relate students to the various churches in the community and o the nearby Baptist Student Union.

tandards of Conduct

he College expects all students to uphold the ideals of a Judeo-Christian community. tudents who do not appreciate such ideals should not register in the College.

By registering in the College, the student agrees to abide by the regulations of the College ound in the catalog and the Student Handbook, and other decisions of the faculty and the tudent Government Association made from time to time.

The use or possession of alcoholic beverages and illegal drugs on the campus, gambling in ny form, and possession of firearms or explosives are prohibited. Violations of these egulations will be handled by the College Judicial System. Consult the Student Handbook or details.

IGHT TO PRIVACY UNDER THE PUBLIC LAW 93-380

he law considers the information below to be "Directory Information," and may be outinely released by the college to those who inquire. If the student requests in writing that his information is not to be released it will remain confidential.

Student name and number
Address and telephone number
Date and place of birth
Residence Hall and room number
Marital status
Current enrollment and class status
Advisor and major field of study

ONDISCRIMINATORY POLICY

Tennessee Wesleyan College welcomes students and employees of any race, color, sex, ational or ethnic origin or handicap to all the college-administered rights, privileges, rograms and activities.

It is the policy of the college to be especially sensitive to the needs of handicapped persons nd will make adjustments necessary to provide each individual with adequate access.

You Can Afford Wesleyan

FINANCIAL AID PROGRAMS

Sufficient financial aid is available for those needing such assistance, but promptness i applying is essential for adequate processing and assignment of benefits. To assure prope consideration it is crucial that you act quickly to contact your high school guidance coun selor or the TWC Admissions Office. Your promptness in following application procedure cannot be over-emphasized and will pay rich dividends in support of your college caree program.

Scholarships

The College has a number of scholarships available for qualified applicants. While the need of students will be determined, the primary consideration will be the level of academi excellence the student has achieved in the previous studies. The student must submit th TWC application for financial aid.

The following is a list of the scholarships available:

Wesleyan Scholars—A scholarship program for entering freshmen who have outstandin academic achievement in high school. Students who wish to apply for consideration must b members of the United Methodist Church and the Holston Conference. The value of thi scholarship is $1,000 per academic year and is renewable providing the student maintains a 3.00 grade average.

Academic Achievement Awards—The scholarship program is open to all students wh have achieved outstanding academic work. Students are required to apply for this progran for consideration. The amount of this award varies. It is renewable provided the studen maintains a 3.00 grade point average.

Music Scholarships—The music department makes the determination of these awards Interested students should contact the Chairperson in Music for additional information. Th amounts vary.

United Methodist Scholarships—This scholarship program is made available through th Board of Higher Education and Ministry of the United Methodist Church. Annual amount i normally $500. For additional information, contact the Financial Aid Office.

Holston Conference Scholarship—A program made available through the generosity o the churches in Holston Conference for needy students. Students should be members of th Holston Conference and should contact the Financial Aid Office for further information.

Other Scholarships Include:

The Athens Kiwanis Club Scholarship
The Reverend and Mrs. J.T. Bird Memorial Scholarship
The Allen N. Birtwhistle Scholarship
The Ethel F. Black Scholarship
The R. Frank Buttram Scholarship
The Mr. and Mrs. Charles Cochran, Sr. Scholarship

The J. Van B. Coe Tennis Scholarship of Athens Rotary Club
The David Dimmitt Scholarship
The Ann Dougherty Scholarship
The Henry W. Durham Scholarship
The Episcopal Church Women of St. Paul's Parish Scholarship
The Grace Evans Scholarship
The Josephine Fite Arnwine Music Scholarship
The John W. Ford, Jr. Scholarship
The Mr. and Mrs. Joe Frye Scholarship
The V.A. Hackworth Scholarship
The Deane G. Hall Memorial Fund
The C.L. Hardwick Scholarship
The R.L. and Ferol Howard Scholarship
The A. Jack Houts Music Scholarship
The Keith Memorial United Methodist Church Scholarships
The Clara Lou Kelly Scholarship
The Russell R. Kramer Memorial Scholarship
The Carroll H. Long Scholarship for Nagasaki Wesleyan Junior College Students
The Mary Vincent Long Memorial Scholarship
The R.N. McCray - Hooper Eblen Scholarship
The Hugh V. Manning Scholarship
The LeRoy A. Martin Academic Scholarship
The Gladys Million Scholarship
The Missionary Emergency Fund Scholarships
The Blanche Bettis Moore Scholarship
The W. Morris Morgan and A.W. Bentley Scholarship
The Herbert L. and Richard D. Noel Scholarship
The Robert H. and Ruth E. Powers Scholarship
The James L. Robb Basketball Scholarship
The Bishop Roy H. Short Scholarship
The Mrs. Roy Simmons Scholarship
The M.C. Smith Athletic Scholarship
The Lois K. Stubbs Memorial Scholarship Fund for Foreign Students
The Della Thacker White Scholarship
The H. Olin Troy Scholarship
The Benjamin and Jane Webb Memorial Fund
TWC Honor Scholarships

Grants

Commuter Grant—A grant is available to full-time community students during their reshman and sophomore years. Students qualifying receive $200 per year.

Church Related Vocations Grant—This program is available to those students who are preparing for a future vocation which is church related. The amount of the award is one-half uition for full-time students. This award is equal to the number of hours necessary for the nitial baccalaureate degree. The recipient signs a promissory note indicating that should he/he not enter a church related vocation, the grant is due and repayable to the college.

Dependent of United Methodist Ministers Grant—Available to the dependents of ordained, ommissioned and licensed United Methodist ministers. The grant is half-tuition for full-ime students. This grant is equal to the number of hours necessary for the initial bac-alaureate degree.

Family Grants—Students who have other members of their family attending the college at the same time are eligible to receive a $50 per year family grant.

Athletic Service Grants—The College has available for students who qualify, grant money for those designated by the Athletic Department. Interested students should contact the Director of Athletics.

Miscellaneous Grants—The college also has a number of special assistance programs for senior citizens, campus photographer, and faculty and staff of the college. Individuals who wish further information about these programs should contact the Financial Aid Office.

Pell Grant—This is a direct grant from the Federal Government based on financial need and is restricted to undergraduate, U.S. citizens or those in the U.S. for other than temporary reasons. The recipient must maintain satisfactory academic progress and submit an Application for Financial Aid to TWC.

Supplemental Educational Opportunity Grant(SEOG)—a federal grant administered by TWC of up to $2,000 per year. The applicant must submit an Application for Financial Aid to TWC, apply for the Pell Grant if an undergraduate, and apply for the TSAA if an undergraduate Tennessee resident. This program is restricted to U.S. citizens, or those in the U.S. for other than temporary purposes, who are undergraduates maintaining satisfactory academic progress.

Tennessee Student Assistance Award (TSAA)—A direct grant from the State of Tennessee, for undergraduate Tennessee residents, based on financial need. The applicant must submit a Financial Aid Form or a Family Financial Statement.

Work

College Work Study Program (CWSP)—A federal work program administered by TWC whereby students may work up to 20 hours per week. The number of hours per week is based on financial need. The applicant must submit an Application for Financial Aid to TWC, Financial Aid Form (FAF) or Family Financial Statement (FFS). This program is restricted to U.S. citizens, or those in the U.S. for other than temporary purposes, who are maintaining satisfactory academic progress.

Off-Campus Jobs—The Dean of Student Services Office attempts to assist students in securing off-campus employment with area businesses.

College Workship Program (CWP)—An institutional work program whereby students may work up to 20 hours per week, when classes are in session. Jobs depend upon availabilty of work and funds. Applicants must submit an Application for Financial Aid to TWC.

Loans

Guaranteed Student Loan Program (GSLP) A Federal loan program which allows the student to borrow long term, low interest (9%) loans up to the cost of education less any financial aid, not to exceed a maximum of $2,500 per year (less in some states) from a participating bank or other lending institution. The maximum amount of the loan is $12,500 for undergraduates and $25,000 for graduate studies. The student must submit an Application for Aid to TWC, and Guaranteed Loan Application for their particular state.

National Direct Student Loan (NDSL)—A Federal loan program administered by TWC whereby students may borrow long term, low interest (5%) loans equal to their financial need or a maximum amount of $3,000 for the first two years, a total of $6,000 for undergraduate work and $12,000 as graduates. Interest and repayment are deferred until six months after the student leaves school. There are special cancellation provisions for those teaching the handicapped or in low income schools. The applicant must submit an Application for Financial Aid to TWC, a Financial Aid Form (FAF) or Family Financial Statement (FFS), apply for the Pell grant if an undergraduate, and apply for the TSAA if an undergraduate Tennessee resident. This program is restricted to U.S. citizens, or those in the U.S. for other than temporary purposes, who are maintaining satisfactory academic progress.

United Methodist Student Loan Program—A loan program offered through the United Methodist Church. An applicant must meet the following requirements in order to borrow:

1. Be a member of the United Methodist Church. Church attendance or participating in church activities does not constitute Church membership. Only those who have been received into full membership are eligible.

2. Be a citizen of the United States (or have permanent resident status).

3. Be admitted to a degree program in an accredited college in the United States; must maintain at least a "C" average to be eligible for loans.

Students in schools of nursing or degree candidates attending graduate professional schools accredited by their respective professional accrediting agencies are also eligible. Loans are available for overseas study for a student enrolled and taking work that will apply on his/her degree in a college in the United States.

Loans are not made to students on academic or disciplinary probation, nor to individuals when any other member of the family has a delinquent account with the fund.
NO EXCEPTIONS ARE MADE TO REGULATIONS.
Loans are made per calendar year (January 1 through December 31) at 6% interest. The maximum per year for the undergraduate students in United Methodist schools is $800.
Part-time students taking at least six credit hours may borrow up to one-half the amount available to full-time students.

A student is eligible for only one loan each calendar year. No more than $5,000 may be borrowed during a student's entire educational program. An applicant must be registered and in classroom attendance for the term for which the funds are to be used before the loan can be finalized.

Emergency Loan Program—The College, through the Dean of Students Office, has available emergency loan funds for students who need special assistance for a short period of time. A student may borrow a maximum of $25.00 and must repay that amount within a one month period.

Additional Loan Programs

Pickett and Hatcher Educational Loan Funds
Erwin and Eva King Ministerial Student Loan Fund
Carroll Memorial Student Loan Fund
Nita Eckles West Student Loan Fund

Pearson Loan Fund
The United Student Aid Loan Fund
J.J. Manker Ministerial Student Loan Fund
Repass Brown Loan Fund

Other

Social Security Benefits, Veterans Benefits, and Vocational Rehabilitation are available to qualified students. Applicants may check with their local guidance office or the TWC Financial Aid Office for further details regarding these or any other programs. No TWC Application for Aid is required.

HOW TO APPLY FOR FINANCIAL ASSISTANCE

1. Complete and file either the FFS or FAF. You can also use this form to apply for the Pell Grant and the TSAC grants.

2. Complete and return the Application for Financial Aid for Tennessee Wesleyan.

3. It is recommended that you arrange for an interview with the Director of Financial Aid.

4. Apply for any community or civic financial aid programs.

5. Submit all of these forms as early as possible.

The College awards aid to any qualified student within the policies, regulations and financial limitations of the institution and those policies and regulations of the federal and state governments.

For further information, contact the Director of Financial Aid, Tennessee Wesleyan College, P.O. Box 40, Athens, Tennessee 37303, (615) 745-5872.

STATEMENT OF SATISFACTORY ACADEMIC PROGRESS

Any student eligible to continue in his/her enrollment at the college would remain eligible for financial aid.

COSTS

A college education is one of your life's major investments which helps to determine your career, lifetime values, and the way you handle the difficult and the unknown.

Tuition and other expenses at TWC are held to the minimum commensurate with providing quality education and a fiscally responsible operation. The tuition and fees you pay do not cover the actual cost for your education. Grants and gifts received by the College through the generosity of the United Methodist Church, foundations, friends, and others help to reduce the difference between income and costs.

Basic Tuition and Fees

Cost for full-time residential students (12 hrs. or more per quarter)

	Per Quarter	Academic Year
Tuition	$1,000*	$3,000*
Room	325	975
Board (7 days a week)	480	1,440
TOTAL	$1,805	$5,415

Full time student taking 12 or more hours no charge for auditing, automobile registration, pplied music, recitals, laboratories, student teaching.

ost for part-time and summer students

art-time**	1-7 hrs.	$70 per quarter hour
	8-11 hrs.	$80 per quarter hour
ummer**		$70 per quarter hour

*No additional charge for auditing, automobile registration, applied music, recitals, aboratories, student teaching.

ost for students at off-campus centers in Chattanooga, leveland, and Knoxville. $60 per quarter hour plus applicable charges.

ollege costs are subject to change.

ayment of Charges

ll charges are due and payable at the time of registration. Students who are unable to pay ie full amount may arrange deferred payment of a portion of the charges. Students elec- ng deferred payment will be charged a $20.00 administrative fee. In deferring payment, a udent is required to pay one-half at registration and the remainder in two equal in- allments thirty (30) and sixty (60) days from the date of registration.

Due to the length of the College's summer term, there is no deferred payment plan vailable. All charges for summer school are due and payable at the time of registration.

Transcripts and grade reports may be withheld for non-payment of financial obligation to ie College.

efunds

all, Winter, or Spring Quarters

ropped Course—Students dropping a course on or before the last day of the first two weeks school will be refunded 80% of the charge for the course. For determining the student's ititlement to a refund the first full day of classes is the beginning of the school term. After vo weeks no refund will be given for a dropped course.

Withdrawal from School

Room—No refund after completion of registration.

Board—Pro-rated Refund.

Tuition—Same as for a dropped course above.

Students withdrawing at any point for health reasons may apply for a pro-rate refund of all charges subject to review and approval by a committee of administrative officers.

Students dismissed for disciplinary reasons receive no refund.

Students withdrawing from school must withdraw through prescribed channels, beginning with the Academic Dean of the College.

Summer Quarter

Students withdrawing from summer quarter are not eligible for a refund.

SPECIAL CHARGES AND DEPOSITS

Filing Fee	$25.00
Key deposit (refunded at end of the year when key is returned)	5.00
Damage Deposit (Room)	25.00
Change of Program Fee (adding or dropping after registration)	3.00
Late Registration Fee	10.00
Auditing Fee (non credit), per quarter hour	6.00
Graduation Fee	50.00
Transcript Fee	2.00
(First transcript provided at no charge)	
Student Government Association fee, per quarter	11.00
Aviation Flight Courses (each)	$345-$42
Student ID	2.5
Deferred Payment Fee	$20.0
Credit by Examination	$25/hr

BOOKS AND SUPPLIES

The annual cost of books and supplies range from $125 to $175.

ADMISSION TO THE COLLEGE

Graduation with a high school diploma and a grade average of "C" is required for admission. SAT or ACT test scores are strongly recommended. The GED high school equivalency test will also be accepted for admission. No qualified student is ever denied admission because of race, creed, sex, ethnic, or national origin.

The Admissions Committee will consider individual circumstances of any applicant not meeting the above standards. In such cases, the committee will consider the student's class rank, secondary school records, recommendations, SAT or ACT test scores, personal interview and, most important, the desire to get a good education. TWC encourages each student sincerely interested in attending to apply for admission. The Admissions Committee may admit a student on a conditional basis.

Freshman Applicants

Entrance examinations are not required: however, you are expected to file scores from either the Scholastic Apitude Test (SAT) or the American College Testing Program (ACT) prior to your actual entrance for use in advising and placement.

Your high school transcript must include at least three units of English. Foreign Language at the high school level is not required. Mathematics is not specifically required, but two units of high school Algebra are helpful in many of the TWC programs. Other courses are not specifically required.

ADMISSION FOR TRANSFER STUDENTS

Before enrolling in Tennessee Wesleyan College a student transferring from another college must:

1. Complete an application
2. Present a transcript of credits from all other institutions of higher learning which he/-she has attended
3. Be eligible for re-admission to the institution last attended

If any of these above requirements are not met the Admissions Committee will consider any unusual circumstances of any applicant.

TWC gives full value to transcripts of records from institutions accredited by the Southern Association of Colleges and Schools or other accrediting associations, recognized by the Council on Post-Secondary Accrediation (COPA).

Transfer students who hold an A.A. or A.S. degree from an accredited institution are granted junior standing and are considered to have completed the All College Requirements. All transfer students, however, must meet the nine hour TWC Spiritual Experience requirement.

Non-Degree Students

A non-degree student is one not seeking a degree at TWC at the time of enrollment. Such students are subject to all rules, regulations, and fees governing degree-seeking students. There are three non-degree classifications:

Special Student—A student who does not wish to be a candidate for a degree may be admitted as a special student upon presenting satisfactory evidence that he is prepared to study the subjects open to him.

Temporary Student—A student attending another college or university with permission from that institution to attend TWC for ONE quarter (Fall, Winter, Spring, or Summer).

Advanced High School Student—A student still attending high school may take courses at TWC for college credit. To be admitted the student must have an outstanding high school record, must be recommended by his principal, and must have the written consent of his parents or guardian.

How To Apply

As a prospective applicant you are urged to visit the campus for a personal interview, for assistance from an Admissions Counselor, and to get the "feel" of the campus and campus life. Please let the Admissions Office have advance information on your plan to visit the campus so we can fill all your needs. If you cannot visit the campus, an Admissions Counselor will visit you at your request.

USE THIS CHECKLIST FOR PROCEDURE
(Transfer students see note below*)

1. Complete application form and check information you need.

2. Arrange for your high school transcripts to be sent to us.

3. Have your SAT or ACT scores sent to us.

4. Enclose $25 with application and mail to:
Director of Admissions
Tennessee Wesleyan College
P.O. Box 40, Athens, TN 37303
For questions phone: (615) 745-5872.

5. Within 2 weeks of receipt of your application our office will contact you regarding ac ceptance.

6. On notice of acceptance, complete and return the Medical Report we send you.

* Transfer Students — Procedure is the same except for Step 2, where you arrange to hav transcripts sent to us from all colleges attended.

Special Students — Follow instructions from the Admissions Office.

The Academic Life

ACADEMIC CLIMATE

Tennessee Wesleyan offers you challenging ways to pursue a liberal education, freeing yo to discover who you are and whom you may become.

The College recognizes that you make your own discoveries in your own way, and tha true intellectual development depends on your own self-development. Throughout you enrollment at TWC you are actively involved in your own education.

On entering, you immediately assume the role of a decision maker as you choose you first courses. These are courses in which you go beyond simply answering your instructor' questions to the asking and resolving of your own.

As you progress to specialized study in the College, you'll find a variety of choices open t you in departmental and interdepartmental programs. With your advisor you'll plan program designed to achieve your educational goals. These goals not only includ preparation for your future, but include the learning and the understanding of the presen for your life here and now.

Because knowledge constantly changes and grows at a rapid pace, the College em phasizes the study of structures rather than the memorization of facts. In the mult disciplinary program, you can develop systems into which present knowledge can b organized and new knowledge assimilated. As a student in this program you are expected t integrate the approaches of two disciplines to a common theme.

In your freshman and sophomore years you'll have the satisfaction of discovery an understanding. You'll achieve these through the methods of inquiry characteristic several academic disciplines. This range of study gives you the opportunity to identify yo interests, talents and aspirations early in your academic career. The multi-disciplinar

rogram provides you with the beginning of the self discovery necessary in deciding how to ocus your energies and talents. Another major goal is to enhance your ability to meet and dapt to changing circumstances.

The academic climate, then, of TWC is one in which:

—learning is accomplished by you and your instructors together;

—you develop habits of thought and methods of inquiry;

—you, together with your instructors, raise questions and formulate answers.

By making learning a joint venture, one shared between your instructors and yourself, ennessee Wesleyan College hopes to provide a climate where thinking together fosters our capacity to instruct yourself.

cademic Advising

ound academic advising may make the difference between just going to college and get- ing an education.

As a freshman, you'll meet with your advisor before registering for your first quarter. he purpose of this conference is to openly discuss your academic and professional goals, to cquaint you with the academic regulations and requirements of the College, and to help ou plan an effective curriculum. Because of the quality of the advising program the ollege strives to attain, TWC recommends that you take full advantage of the knowledge, ounsel and personal concern available from your advisor.

Students retain the same advisor through the entire freshman year and beyond, until you eclare a major. When you do declare your major to the Academic Dean's office, you'll be ssigned to a faculty advisor in the major department.

TWC students are considered adults and responsible for being familiar with academic egulations and degree requirements. Students need to take the initiative for seeing their dvisor.

aximum Library Opportunities

he value of your college education can be greatly increased with the wise use of a good ibrary. At Tennessee Wesleyan College, the staff of the Merner-Pfeiffer Library is edicated to serving the academic and personal interests of the students. At your service re a competent staff, a wide range of books, audio-visuals, materials and periodicals. An "open stack" policy and easy access to reference works and periodicals offer you distinct dvantages. You'll be given valuable instruction in the use of the library and you can expect elpful guidance in performing your work on request. The library is an invaluable tool in the earning process, but how well you take advantage of this source depends on you.

CADEMIC POLICIES

eneral Degree Requirements

ennessee Wesleyan offers the following degree programs:

achelor of Arts with majors in Behavioral Science, Communications, English, History, lathematics, Music, Psychology, Social Science, Church Vocations, and Speech and heater.

achelor of Science with majors in Accounting, Aviation, Behavioral Science, Biology, usiness Management, Business Education, Chemistry, Church Vocations, Computer cience, Elementary Education, English Education, Health and Physical Education, luman Services, Mathematics and Physical Science, Medical Technology, Public Ad- inistration, Recreation, Science Education and Social Science Education.

Bachelor of Music Education with majors in Church Music and Teaching.

Bachelor of Applied Science with flexible and individualized career oriented programs in such areas as business and criminal justice. Intended for students who have an associate degree and for those attending centers in Chattanooga, Cleveland and Knoxville.

All candidates for graduation are required to complete a course of study as outlined in this bulletin or as approved by the Academic Dean. The general requirements are:

1. Completion of at least 192 quarter hours of academic work of which 42 hours must be at the 300-400 level.
2. Maintain a 2.00 cumulative grade point average.
3. Complete the last 45 quarter hours at Tennessee Wesleyan College.
4. No more than 96 quarter hours may be transferred from a two-year institution unless the excess hours are required in an Associate Degree program.
5. A student wishing to receive a second major must complete all the requirements for both programs. A student wishing a second degree must complete 42 additional quarter hours over and above all requirements for the first degree. This means a total of 234 quarter hours.
6. A student must complete a formal application for graduation by the first day of Winter Quarter for June graduation or the first day of Spring Quarter for August graduation.
7. Incomplete work must be completed by the last day of finals or graduation will be delayed until the next commencement.

Repeating Courses

Any course in which a grade of "C" or better has been earned may not be repeated for credit. If a student repeats a course for which a "D" or "F" was earned, the last grade received will be used in computing the cumulative grade-point average. A retaken course will count only once toward graduation requirements. The student's permanent record will show both the original grade for the course and the grade earned when the course was repeated, and this information will appear on all transcripts.

If a student is repeating a TWC course for credit for the purpose of erasing the earlier grade under this provision, the repeat must be with a course in class at Tennessee Wesleyan College; it may not be by correspondence, proficiency, special examination, or by study at another institution.

NOTE: Students are reminded that other educational institutions to which the student might transfer, either for additional undergraduate study or for graduate or professional study, are not obligated to calculate the GPA in accord with the manner described above. Students should check with the other institution in order to determine how repeated courses will be treated by that school.

Correspondence Work

Tennessee Wesleyan College will accept correspondence courses for credit except in the area of the ACR and the major field. All such courses must be completed before the student begins the final 42 quarter hours. Students enrolled for eighteen or more quarter hours will not be given permission to take correspondence and/or extension courses simultaneously with regular course work. All correspondence work must be approved by the academic dean or the registrar before the student enrolls.

Classification

You are classified as a Sophomore when you have earned 42 quarter hours, a Junior when you have earned 90 quarter hours, and a Senior when you've earned 138 quarter hours.

The following grade requirements for graduation shall apply to the major: a minimum grade point average of 2.00 (on a 4.00 scale) in the major field. In obtaining the grade point average in the major, all courses taken in the major field are included.

Credit and Placement By Examination

Tennessee Wesleyan will grant college credit to you if you have scored a grade of three or better on a College Entrance Examination Board Advanced Placement Examination.

You may also apply for credit in disciplines in which you have demonstrated proficiency through successful completion of CLEP (College-Level Examination Program) tests.

You may request to be excused from courses in which you can demonstrate mastery of the subject matter to the satisfaction of the pertinent department.

The Grading System

Grades are recorded as follows:

A indicates work of distinction
B indicates better than average work
C indicates average work
D indicates below average work
F indicates a failing grade
indicates an incomplete grade
P indicates a passing grade
WD indicates student withdrew without penalty from the course. (Note: In the case of students receiving educational benefits from the Veterans Administration, the period during which a WD may be granted is limited to the thirty (30) days immediately following registration for the Quarter.)

SP (Satisfactory Progress) — indicates progress in self-paced or development courses which are not designed for completion within the quarter time frame.

UP (Unsatisfactory Progress) — indicates unsatisfactory progress in self-paced or developmental courses not designed for completion within the quarter time frame. The student may continue in the course with the approval of the instructor. Two consecutive grades of UP will lead to dismissal from the course.

Quality Points

Four quality points are given for each hour with a grade of A.
Three quality points are given for each hour with a grade of B.
Two quality points are given for each hour with a grade of C.
One quality point is given for each hour with a grade of D.
No quality points are given for each hour with a grade of F.

Incomplete Grades

A **student** may receive a grade of Incomplete if for some reason there is a failure to complete a small portion of the work in a course. In all cases the student must show that the work cannot be completed due to circumstances beyond the student's control.

A grade of "I" must be removed by mid-term of the succeeding term after the student has taken the course. Otherwise the grade will automatically be changed to an "F." Students are to make up examinations at the convenience of the instructors.

In computing the student's average, an Incomplete will be considered as an "F" until such time as the Incomplete is removed.

Auditing a Course

You may audit a course with the written permission of the instructor and the Academic Dean. You must get the permission in the order indicated.

A student enrolled in a course for credit who withdraws from the course during the regular withdrawal period may audit the remainder of the course if the instructor agrees to the arrangement and if the student records the intent to audit at the Registrar's Office when dropping the course.

Graduating with Honors

The following cumulative averages are required for graduation with honors:

Summa Cum Laude 3.7
Magna Cum Laude 3.5
Cum Laude 3.2

If you are a transfer student, you are eligible for honors provided you meet the College's regulations of one year's residency and 45 quarter hours. You must maintain, however, the average required for the expected honor on all work attempted at TWC.

Students with waivers or exceptions on their records are not eligible for honors.

Class Rank

You may obtain your class scholastic rank from the Office of the Registrar following graduation. May and August classes are ranked separately.

Class Load

A **full-time student** is one who carries at least 12 credits per quarter. A student who carries fewer than 12 credits is classified as a part-time student. Students on academic warning or academic probation are limited to 15 credits per quarter unless an exception is granted by the Academic Dean.

Students may not register for more than 18 credits per quarter without permission from the Academic Dean.

Attendance Policy

Tennessee Wesleyan desires and encourages regular attendance at all class meetings; ultimately, however, each student is responsible for his/her class attendance.

Each faculty member shall formulate, in consulation with the Academic Dean, a policy concerning excused and unexcused absences which would be appropriate to that particular faculty member and his classes. This policy shall be clearly stated in writing by the faculty member and a copy distributed to each member of his/her classes by the end of the first week of each quarter.

To be official all absences shall be excused in the Office of the Dean of Student Services. It is the responsibility of the student to get his absences excused. An excused absence permits the student to be absent from class but does not excuse him from the work which might be due, be assigned, or be engaged in during that class period.

When appropriate, a faculty member may discuss a student's attendance record with the student's advisor and/or appropriate administrative personnel.

If a student misses a quiz, test, or other work due to an excused absence, the student must make arrangements for making up the work within one week of his return to the class.

If a student misses a final exam due to an excused absence, immediate notification is necessary and arrangements for the make-up exam must be made within three days of the missed exam.

If a student does not comply with these policies, he may not be allowed to make up the missed work.

Each student is encouraged to notify the instructor in advance of any anticipated absence.

Late Registration

You may register for classes no later than one calendar week after the first day of classes. A fee of $10.00 is assessed for late registration.

Change of Registration

A student may drop or add a course by submitting the appropriate forms to the Registrar's Office. Courses may be added during the first week of classes. Courses may be dropped any time before mid-term. During the first two weeks of the quarter the student receives no statement on record of courses dropped. Between that time and the mid-term the grade is WD. After the mid-term, the grade is F.

A fee of $3.00 is charged for any change of registration after the regular registration day.

Students must be aware that all changes of schedule must be officially processed in the Registrar's Office. It is not enough to stop attending class.

Standards of Scholarship

A cumulative grade-point average of 2.0 is necessary for graduation. If a student's cumulative grade-point average in any term falls below 2.0 that student will be placed on **warning.** If a student on warning earns a grade-point average for that term lower than a 2.0, that student will be placed on **academic probation.** If the student's next term average is still below a 2.0, that student will be **continued on academic probation.** Any student with an unusually low grade-point average for any term may be **suspended** or placed directly on academic probation by the Academic Status Committee, even though the student has not been on warning in the previous term. Any student on academic warning or academic probation whose average of the following term is below a 2.0 is subject to **suspension** by the Academic Status Committee. Students on **warning** or **probation** are limited to a 15 quarter hour academic load per quarter unless the Academic Dean authorizes an exception.

Any veteran or eligible person receiving VA benefits who has been in a probationary status for more than one quarter will not be certified for VA benefits.

ALL COLLEGE REQUIREMENTS (ACR)

The College believes that it is important for all students to have broad learning experiences to become truly educated. To this end, Wesleyan has developed a program providing breadth and depth of experiences.

After examination of placement test scores and other pertinent information certain entering freshmen will be required to enroll in sections of Developmental Studies.

Listed below are the required courses that all students at Wesleyan are expected to complete.

I. Skill Experiences*
   - A. Composition — English 101, 102, 103
   - B. Mathematics — Math 113, 114, 115(BA114), or Math 117, 118, 119 (Elementary Education Majors); or Math 141, 142; or Math 281
   - C. Physical Education — three hours from activity courses in General Physical Education.

II. Creative Experiences*
   - A. Six hours from courses in Literature.
   - B. Six additional hours from Language, Literature, Art 201, 341, 342 or 343, Music 107, or Theater 104

III. Spiritual Experiences*
   - A. Biblical and Religious Studies — any six hours from R 100, 207, 209, 211, 217, 218, 300, 305, 322, 318, 320, 322, 324.
   - B. Philosophical Studies — three hours from P100, 101, 209 or any upper division course in Philosophy or PS 401, 402, or 403.

IV. Political Experiences*
   - A. Historical — six hours from History 101, 102, 103 or from H204, 205, 206 plus
   - B. Institutional — three additional hours from History, Geography, Political Science or Economics. Music majors may satisfy this requirement by completing MU 314; plus
   - C. Social — six additional hours from Psychology, Sociology, Economics Geography, Political Science or Anthropology

V. Scientific Experiences*
   - A. Natural Science — Biology 101, 102, 103, or Biology 111, 112, 113 or
   - B. Physical Science — Chemistry 101, 102, 103, or Physics 131, 132, 133, o 135, or Physics 211, 212, 213

* There are a variety of ways for students to complete certain all College Requirement (ACR) other than by taking the prescribed courses listed above. There are option available through the use of College Level Examination Program or College Proficienc Examination, and other tests. If you desire further information concerning these option you should contact your faculty advisor, the Academic Dean, or the personnel in the A missions Office.

Humanities Requirements For Bachelor of Arts

In addition to the ACR, those students seeking the B.A. degree will be required to take a additional 18 quarter hours from the humanities defined as follows: art, literature, histor music, philosophy, religion, theater, and foreign language. Courses applicable to t student's major cannot be counted in fulfilling this requirement. Please consult with yo advisor for approved courses.

Bachelor of Applied Science Degree

This degree option extends educational opportunities for baccalaureate study if you are a raduate of an accredited community/junior college and have specialized in technical, ccupational, or career-oriented training. Your associate degree fulfills the All College Requirements, with the exception of the nine hour requirement in philosophy and religion, /hich must be completed. In completing the 192 total quarter hours required for graduation, s a B.A.S. candidate you have two options for program concentration: (1) the completion f one of the regular majors described elsewhere in this catalog), or (2) an individualized, ontracted program designed with your personal long-range objectives in mind. Your roposed contract must be submitted to the Office of the Academic Dean for approval.

Tennessee Wesleyan College offers programs leading toward the B.A.S. at three off-ampus centers; Cleveland State Community College in Cleveland, Draughons Junior College in Knoxville and Edmondson Junior College in Chattanooga. These programs mphasize management and acccounting and are designed to serve the needs of career riented adult learners who have completed associate degrees. Interested students should pply for admission through the TWC admissions office and consult the program equirements in Management and Accounting.

THE MAJOR PROGRAM

he academic concentration in the College provides an opportunity for you to specialize in a major" through an unusually diversified and flexible arrangement of courses. This type of rogram frees you to explore intensively one field or two or more related areas of nowledge.

n an effort to increase your sensitivity to human concerns and to develop your potential for elf-direction and flexibility, the College offers several kinds of majors: a major in a single ubject or discipline, such as chemistry, history or mathematics; a concentration in pre-rofessional studies, such as pre-law, pre-medicine, or pre-dentistry: cross-disciplinary iajors such as the pre-seminary and church vocations programs, drawing upon the esources of several departments. Another kind of multi-disciplinary study is that in which wo or more disciplines are combined to meet your needs as an individual. Unlike other rograms established by the College, these are initiated by you and are developed by you nd your advisor in response to your specific needs. These majors may focus upon a central ieme and yet require courses from several disciplines or a variety of perspectives. If you lan this type of major, you must submit a copy of its requirements to the Academic Dean.

Pre-Professional and Cross-Disciplinary Majors

n this category you will find majors which specifically lead to advanced study in other istitutions. In some cases the major courses are specified. For example, see the church ocations and pre-seminary majors. In other cases, the student and the advisor will decide hether to adopt a single-area major or design one especially for the student. Unless you ave a different program on file, you will be expected to complete a specified program.

Church-Related Vocations

broadly diversified liberal arts education is basic to a career in the pastoral ministry, hristian education, and other specialized ministries. A student planning a career in any of iese areas will complete the preparation in a theological seminary. The majors in Church ocations or Pre-Seminary leave you considerable freedom to choose from a wide range of ourses according to your own particular interests.

Engineering

This program has been designed to allow you to take three years of pre-engineering a Tennessee Wesleyan. Upon completion of two additional years of study at an accredited School of Engineering, you will be awarded the degree in engineering by the engineering school, and, if you qualify (as is usually the case), the B.S. degree in mathematics and physical sciences.

Forestry

Tennessee Wesleyan offers you a program in forestry in cooperation with the School o Forestry at Duke University. This program requires three years at TWC and a fourth yea at Duke University. With careful planning a student can earn a B.S. in biology at TWC at th end of these four years. Upon successful completion of the fifth year at Duke University, yo will be eligible to receive either the professional degree of Master of Forestry or Master o Environmental Management Degree from the Duke School of Forestry.

Law

There is no specific pre-law major. You will want to talk with the pre-law advisor regardin the selection of a major that will best suit your individual interests and situation.

Admission to a law school is normally based on personal and scholastic records and on th results of your score on the national legal aptitude test rather than on a prescribed ur dergraduate course of study. As a prospective law school candidate, you should seek t acquire from your undergraduate studies skills in the written and oral use of the Englis language, understanding of Western political, social and economic institutions, and a ability to think concisely and independently.

Medicine, Dentistry, Medical Technology, Optometry, Pharmacy (an Other Related Health Fields)

Undergraduate requirements for admission to various medical programs differ accordin to the program and to the professional school.

If you are planning a career in the Health Professions, you should identify your goal a early as possible to the academic advisor. Your particular program will be determine through consultation with your specific academic advisor. Admission tests, such as th Medical College Admission Test (MCAT) or Dental Admission Test (DAT), should be take during the spring of your junior year.

Upon completion of the major in Medical Technology and the required hospital trainin you will earn a B.S. in medical technology.

Aviation

All majors should take forty-two hours of general requirements, plus either the pe formance or management sequence.

Requirements for the B.S. in AVIATION

C101,2,3	General Chemistry	12 q.
AV 101	Aerospace History	3 q.
AV 102	Theory of Flight	3 q.

AV103	Aviation Laws and Regulations	3 q.h.
AV 201	Aviation Weather	3 q.h.
AV 202	Navigation	3 q.h.
AV 203,4,5	Flight Instruction I,II, and III (extra fee per course)	3 q.h.
AV 301	Aircraft Operation and Performance	3 q.h.
AV 302	Flight Safety	3 q.h.

Performance Sequence

AV 207,8,9	Flight Instruction IV,V and VI (extra fee per course)	3 q.h. ea.
AV 303,4,5	Flight Instruction VII,VIII,IX (extra fee per course)	3 q.h. ea.
AV 402	Principles of Instrument Flight	3 q.h.
AV 403,4,5	Flight Instruction X,XI,XII (extra fee per course)	3 q.h. ea.
AV 406	Principles of Commercial Flight	3 q.h.
P 211,2,3	General Physics	12 q.h.
M 141,2	College Algebra and Plane Trigonometry	6 q.h.

Management Sequence

AV 406,7,8,	Aviation Internship I,II,III	3 q.h. ea.
AV 411	Air Transportation	3 q.h.
M 113-14	College Mathematics I,II	6 q.h.
BA 114	Math of Finance III	3 q.h.
BA 101	The Business Enterprise	3 q.h.
BA 102	The Control and Finance of the Business Enterprise	3 q.h.
	Business Elective	3 q.h.
BA 201,2,3	Principles of Accounting I,II,III	3 q.h. ea.
BA 321	Management—An Introduction	3 q.h.
BA 322	Operations Management	3 q.h.
EC 261,2,3	Principles of Economics I,II,III	3 q.h. ea.
EC 364	Labor-Management Relations	3 q.h.
EC 430	Managerial Finance	3 q.h.

Electives from the following:
HE 264, any foreign language, PY 111, PY 261, PY 331, PY 341, SP 101, GY 107, 108, 109

Electives chosen from the following:
BA 211, BA 212, BA 213, BA 315, BA 351, BA 401, BA 402, BA 421, PY 221, SP 303.

Behavioral Science

A major in Behavioral Science leading to the B.A. degree serves as pre-professional preparation for students intending to continue their studies in Anthropology, Social Work, or Sociology. It is also intended to provide a general understanding of human behavior for liberal arts students who wish to emphasize human behavior in their bachelor's program.

Requirements for the B.S. in BEHAVIORAL SCIENCE

A major in Behavioral Science leading to the B.A. includes 45 q.h. distributed as follows:

Anthropology	9 q.h.
Sociology, including 101 and 102	9 q.h.
Psychology, including 101 and 102	9 q.h.
Electives in Psychology and/or Sociology	18 q.h.

A major in Behavioral Science leading to the B.S. and certification to teach sociology or psychology includes 45 q.h. distributed as follows:

Anthropology	9 q.h.
Psychology, including 101 and 102	9 q.h.
Sociology, including 101 and 102	9 q.h.
18 q.h. in the discipline in which the student wishes teacher certification, i.e., psychology or sociology. (PY 261, Social Psychology is required for certification in Psychology.)	18 q.h

In addition, the 39 q.h. of professional education couses for certification in secondary education must be completed.

Biology

The major in Biology provides students with a sound introduction to the principles o biology, develops an appreciation for the diversity and complexity of living things.

The department is organized to provide majors with both breadth and depth of training a well as a variety of approaches and allows maximum flexibility in the development o programs consistent with the interest and needs of individual students.

Requirements for the B.S. in BIOLOGY

A major in biology consists of 65 quarter hours; 40 q.h. in biology and 24 q.h. in relate course work. Required courses are as follows:

B 111,2,3,	General Biology	12 q.h
B 270	Principles of Genetics	4 q.h
B 365	General Microbiology	4 q.h
B 465	Principles of Ecology	4 q.h
M 141,2	College Algebra & Plane Trig. I & II	8 q.h
C 101,2,3	General Chemistry I,II,III	12 q.h
M 251,2	Elementary Statistics or	
M 310, 311	Probability and Statistics	6 q.h

RECOMMENDED courses in Biology:

B 301	Morphology of Non-Vascular Plants	4 q.h
B 302	Morphology of Vascular Plants	4 q.h
B 403	Plant Taxonomy	4 q.h
B 362	Cellular Physiology	3 q.h

The following courses are recommended for majors who plan to pursue graduate study: Physics 211, 212, 213; Chemistry 201, 202, 203; Math 281, 282, 283; and two years of Frenc or German.

Requirements for a minor in BIOLOGY

B 111, 112, 113, and 16 additional quarter hours including one botany course (B 301, 303, 403) and one zoology course (B 271, 371, or 472).

Business Administration And Economics

This program is designed to combine an intensive exposure to the fundamentals of accounting, management, and economics with the breadth of knowledge in the liberal arts. Major programs are offered in Accounting, Management, Computer Science and Business Education. Majors in related disciplines include Public Administration, Aviation, Communications. Minors are available in Accounting, Management, Business Administration, and Economics.

As a portion of the departmental programs, faculty and students will form a professional management team to provide consulting services to area businesses. This will be carried out in conjunction with the Small Business Administration of the United States Government. Offered when funded by S.B.A. and when Clients are available.

Requirements for the B.S. in ACCOUNTING

The major in Accounting consists of 87 quarter hours as follows:

BA 101	Introduction to Business	3 q.h.
M 113-14#	College Mathematics I,II	6 q.h.
BA 114	Math of Finance	3 q.h.
BA 201,2,3	Principles of Accounting I,II,III	9 q.h.
BA 211,2,3,	Business Law I,II & III	9 q.h.
BA 301,2,3	Intermediate Accounting I,II,III	9 q.h.
BA 321	Principles of Management	3 q.h.
BA 401,2	Cost Accounting I & II	6 q.h.
BA 403	Auditing	3 q.h.
BA 404,5	Tax Accounting I & II	6 q.h.
BA 407	CPA Review	3 q.h.
BA 408	Accounting Systems	3 q.h.
CS 211	Introduction to Electronic Data Processing	3 q.h.
EC 201	Basic Economics	3 q.h.
EC 202	Introductory Microeconomics	3 q.h.
EC 203	Introductory Macroeconomics	3 q.h.
EC 430	Managerial Finance	3 q.h.
M 251,2	Elementary Statistics I & II	6 q.h.
M 253	Statistics for Decision Making	3 q.h.

Requirements for a minor in ACCOUNTING

BA 201,2,3, and 12 additional hours from BA 301,302,303,401,402, 403,404,405,407,408.

Requirements for the B.S. in BUSINESS MANAGEMENT

The major in Business Management shall consist of 85 quarter hours as follows:

BA 101	Introduction to Business	3 q.h.
M 113-14#	College Mathematics I,II	6 q.h.
BA 114	Math of Finance	3 q.h.
BA 201,2,3	Principles of Accounting I,II, & III	9 q.h.
BA 211,2,3	Business Law I,II, & III	9 q.h.
BA 315	Business Writing	4 q.h.
BA 321	Principles of Management	3 q.h.

BA 322	Operations Management	3 q.h.
BA 351	Marketing: An Introduction	3 q.h.
BA 401,2	Cost Accounting I & II	6 q.h.
BA 410	Business Policy Seminar	3 q.h.
BA 421	Personnel Management	3 q.h.
CS 211	Introduction to Electronic Data Processing	3 q.h.
EC 201	Basic Economics	3 q.h.
EC 202	Introductory Microeconomics	3 q.h.
EC 203	Introductory Macroeconomics	3 q.h.
EC 301	Intermediate Microeconomics	3 q.h.
EC 364	Labor-Management Relations	3 q.h.
EC 430	Managerial Finance	3 q.h.
M 251,2	Elementary Statistics I & II	6 q.h.
M 253	Statistics for Decision Making	3 q.h.

Requirements for a minor in BUSINESS ADMINISTRATION

25 quarter hours of BA and EC courses above the 100 level with at least 9 quarter hours in each area.

Requirements for a minor in MANGEMENT

BA 321, 322 plus 15 additional hours from BA 323, 351, 401, 402, 421 and/or EC 301, 302, 361, 364, 430.

#A student may substitute M 141 and M 142 or M281 for the M 113, M 114, BA 114 series.

Requirements for a B.S. in BUSINESS EDUCATION

The major in Business Education shall include 115 quarter hours as follows.

BA 101	Introduction to Business	3 q.h
BA 201,2,3	Principles of Accounting I,II,III	9 q.h
M 113-14#	College Mathematics I,II	6 q.h
BA 114	Math of Finance	3 q.h
BA 211,2,3	Business Law I,II, & III	9 q.h
BA 313	Office Equipment and Procedures	3 q.h
BA 321	Principles of Management	3 q.h
BA 351	Marketing: An Introduction	3 q.h
BA 315	Business Writing	4 q.h
BA 422	Office Management	3 q.h
BA or EC	Area of Certification Electives	18 q.h
CS 211	Introduction to Electronic Data Processing	3 q.h
EC 201	Basic Economics	3 q.h
EC 202	Introductory Microeconomics	3 q.h
EC 203	Introductory Macroeconomics	3 q.h

In addition, 39 q.h. of professional education courses for certification in secondar education must be completed.

A student may certify to teach typewriting and/or shorthand by completing the Busine Education major at Tennessee Wesleyan College and sufficient work in typewriting and/ shorthand at an accredited institution offering these subjects.

Requirements for the B.S. in COMPUTER SCIENCE

The major in Computer Science consists of 93 quarter hours as follows

BA 101	Introduction to Business	3 q.h.
M 113,4#	College Math I and II	6 q.h.
BA 114	Math of Finance	3 q.h.
BA 201,2,3	Principles of Accounting I,II,III	9 q.h.
BA 211,2,3	Business Law I,II,III	9 q.h.
BA 321	Principles of Management	3 q.h.
BA 322	Operations Management	3 q.h.
BA 401,2	Cost Accounting I and II	6 q.h.
CS 211	Introduction to Electronic Data Processing	3 q.h.
CS 221	BASIC Programming I	3 q.h.
CS 222	RPG II Programming I	3 q.h.
CS 223	COBOL Programming I	3 q.h.
CS 321	BASIC Programming II	3 q.h.
CS 322	RPG II Programming II	3 q.h.
CS 323	COBOL Programming II	3 q.h.
CS 421	Data Processing Systems Analysis	3 q.h.
CS 422	Data Base Structure and Design	3 q.h.
CS 423	Advanced Programming	3 q.h.
EC 201	Basic Economics	3 q.h.
EC 202	Introductory Microeconomics	3 q.h.
EC 203	Introductory Macroeconomics	3 q.h.
EC 430	Managerial Finance	3 q.h.
M 251,2	Elementary Statistics I,II	6 q.h.
M 253	Statistics for Decision Making	3 q.h.

Requirements for a minor in COMPUTER SCIENCE

CS 211, 221, 321 plus 12 additional hours in Computer Science courses.

Economics

Requirements for a minor in ECONOMICS

EC 201,2,3 and 12 additional quarter hours from EC 301, 302, 361, 364, 430.

#A student may substitute M 141 and M 142 or M 281 for the M 113, M 114, BA 114 series.

Chemistry

As a major in Chemistry, you are afforded a variety of options upon graduation, as witnessed by what recent graduates are now doing.

Many go directly into professional life as employees of private industry or governmental agencies in jobs as varied as secondary school teacher, laboratory scientist, government inspector, plant production, and research associate. You may find your background equally acceptable as qualification for entrance into medical school, dental school, graduate school in chemistry, biology, or chemical engineering. Thus the thrust of the Department of Chemistry is to educate you for a profession of your choice.

While the principal goal of the department is to impart scientific competence, the relationship of science (and its methodology) to society as a whole is stressed as well.

Requirements for the B.S. in CHEMISTRY

The major in Chemistry requires the successful completion of 51 quarter hours in Chemistry, 12 quarter hours in Physics, and Math 283. A reading proficiency in German or 9 hours of Computer Science is highly recommended. (The reading proficiency can be demonstrated by successful completion of the third quarter of the elementary level of the language.)

C 101,2,3	General Chemistry I,II, & III	12 q.h.
C 201,2,3	Organic Chemistry I,II, & III	12 q.h.
C 331,2	Introductory Quantitative Analysis	8 q.h.
C 333	Instrumental Analysis	4 q.h.
C 431,2,3	Physical Chemistry	12 q.h.
C 490, 491	Independent Study of Topics	3 q.h.
P 211,2,3	General Physics	12 q.h.
M 283	Calculus w/Analytic Geometry III	5 q.h.

Requirements for the B.S. in CHEMISTRY EDUCATION

The major in Chemistry Education consists of the following required courses:

C 101,2,3	General Chemistry I,II, & III	12 q.h
C 201,2,3	Organic Chemistry I,II & III	12 q.h
C 331,2	Introductory Quantitative Analysis	8 q.h
C 333	Instrumental Analysis	4 q.h
M 141,2	College Algebra and Plane Trig. I & II	6 q.h
P 211,2,3	General Physics	12 q.h

A reading proficiency in German or 9 quarter hours of Computer Science or:

M 283	Calculus w/Analytic Geometry III	5 q.h

In addition, the 39 q.h. of professional education for certification in secondary educatio must be completed.

Requirements for a minor in CHEMISTRY

C 101, 102, 103 and any additional 15 quarter hours in chemistry.

Communications

The communications major permits the student to specialize in either broadcast and/ print journalism or broadcast marketing while gaining a broad knowledge of all aspects the communications field.

The journalism sequence stresses instruction and practice in journalistic procedur which include news writing and analysis, and interpretive and editorial writing.

Broadcast marketing emphasizes the economic aspects of broadcasting and seeks prepare the student for a career in advertising or station management.

Requirements for the B.A. in COMMUNICATIONS

All students must take thirty-six (36) hours of general course requirements, plus eith the broadcast and print journalism sequence or the marketing sequence.

General Requirements

SP 101	Introduction to Speech	3 q.h.
CM 101	Theory of Communications	3 q.h.
CM 201	Introduction to Broadcasting	3 q.h.
CM 250	Journalistic Writing	3 q.h.
CM 260	Writing for Broadcasting	3 q.h.
CM 270	Broadcast Performance	3 q.h.
CM 301,2,3, 401,2,3	Practicum	6 q.h.
460,1	Practicum &/or Internship	6 q.h.
CM 350	TV Criticism	3 q.h.
CM 450,1	Communications Law	6 q.h.
E 390	Advanced Composition	3 q.h.

Broadcast and Print Journalism Sequence

PS 121	Introduction to Politics	3 q.h.
CM 305	Photo Journalism	3 q.h.
CM 360	Radio and Television Production	3 q.h.
CM 430	Interpretive and Editorial Writing	3 q.h.

Marketing Sequence

BA 114	Math of Finance	3 q.h.
BA 201	Principles of Accounting I	3 q.h.
CM 280	Broadcast Copy Writing	3 q.h.
CM 320	Broadcast Advertising	3 q.h.
BA 321	Principles of Management	3 q.h.
BA 412	Advertising Management	3 q.h.

Criminal Justice

The criminal justice major is designed to give students a basic understanding of problems of crime and justice within the American political system. The program is designed for students planning a career in criminal justice such as law enforcement, police administration, criminal law, corrections, probations and parole, criminology, or urban affairs.

Requirements for the B.A.S. Degree with a Major in CRIMINAL JUSTICE

1. Have an Associate Degree in Criminal Justice or Law Enforcement from an approved community/junior college.

2. Satisfactory completion of 192 quarter hours, with a cumulative grade-point average of 2.0, over-all and in the major.

3. Completion of the All College Requirements.*

4. Completion of the following major requirements:

PS 161	Intro. to Law Enforcement and Criminal Justice	3 q.h.
	**Criminal Law	3 q.h.

	**Criminal Procedures	3 q.h.
	**Introduction to Administration in Criminal Justice	3 q.h.
	Police—Community Relations	3 q.h.
PS 461, 462, 463	American Constitutional Law I,II,III	9 q.h.
SO 331	Criminology	3 q.h.
SO 211	Social Problems	3 q.h.
SO 301	Racial and Cultural Minorities	3 q.h.
PS 121	Introduction to Politics	3 q.h.
PS 201, 202, 203	American Government & Politics	9 q.h.
SO 101	Sociology I: Human Interaction	3 q.h.
SO 102	Sociology II: Social Structure and Process	3 q.h.
PY 311	Abnormal Psychology	3 q.h.
PH 200	Introduction to Ethics	3 q.h.

*Associate degree holders from accredited community/junior colleges will have accomplished this automatically under our transfer policy with the possible (and probable) exception of the religion/philosophy requirement. All students must complete this sepcific requirement.

**These courses, or equivalents thereof, will normally be transferred to TWC from an accredited community/junior college. They are available in surrounding two-year institutions. If need justifies it, periodically some of them could be offered at TWC through appropriate use of departmental Topics courses.

Education

The courses and experiences provided by the Educational Services Department are planned to prepare the student to undertake the role of the teacher. First, as a foundation, the student learns those behaviors and competencies which are associated with effective teaching. The student then is given encouragement and an opportunity to assess his or her own personal qualifications and to set goals in line with abilities. Recognizing both the changing nature of society and individual differences. The teacher-to-be is assisted to set up a goal of continuous growth and development, to begin in pre-service and continue throughout the teaching years.

Special Requirements for Students in Teacher Education Programs

I. Career Decision Conference

Prior to your declaring a major in education, a Career Decision Conference should be scheduled through the Educational Services Department. The purpose of this conference is to define your goals and to discuss how these goals will be met by the College and you.

II. Teacher Education Admission and Retention Policies

In addition to the college admission policies as stated in the catalog, the teacher education candidate must meet the three levels of admission and retention to the Teacher Education Program. These are:

A. The student receives "provisional" admission upon meeting the admission policies of the institution.
B. The student receives "full" admission upon meeting the following criteria:
   1. Completion of a minimum of 75 quarter hours of credit, including ED 10

Seminar: Professional Orientation to Elementary School Teaching or ED 102 Seminar: Professional Orientation to Secondary School Teaching.

2. Attainment of a minimum grade point average of 2.0
3. Complete the California Achievement Test, Level 19 (Form CD) 1977 Edition, with minimum scores as specified by the Tennessee State Board of Education on June 23, 1978, or complete related requirements as may be amended by future actions of the State Board of Education.
4. Satisfactory completion of a speech and hearing test.
5. Satisfactory ratings in general health and sight.
6. Satisfactory ratings in the areas of personal, social, ethical, and emotional characteristics conducive to success in teaching.
7. Formal application for admission to the Teacher Education Program. (The Application must be filed with the Chairman of the Teacher Education Committee at the beginning of the first quarter of attendance after the completion of 75 quarter hours of credit—for regular students and immediately upon completion of ED 100 Seminar: Professional Orientation to Elementary School Teaching or ED 102 Seminar: Professional Orientation to Secondary School Teaching for transfer students).
8. Acceptance by the Teacher Education Committee. The student must meet the standards for full admission and receive acceptance by the Teacher Education Committee before becoming eligible to register for any 400 level courses in Education.

C. Admission to Student Teaching

Student teaching is the culminating professional experience in the pre-service education of prospective teachers.

Admission to student teaching, in addition to full admission to the Teacher Education Program, requires the following:

1. An over-all grade point average of 2.00 including a 2.00 average in the major teaching field for secondary education prospective teachers. A 2.50 minimum grade point average in the professional education areas.
2. A 2.00 minimum grade point average in the state's general education requirements for elementary education majors and a 2.50 minimum grade point average in the professional education areas.
3. Completion of course prerequisites.
4. Be recommended by the department in which he is majoring, the chairman of the department, and division head.
5. Formal application for student teaching at least two quarters in advance, excluding the summer quarter.
6. Recommendation by the Teacher Education Committee, with the understanding that, if he is not accepted by the Teacher Education Committee for student teaching, he may appeal to the Academic Status Committee.

III. Recommendation for Certification

The Tennessee State Board of Education requires that "the institution or agency from which the applicant comes must recommend the applicant as possessing good moral character, and free from mental or physical disabilities which would impair his effectiveness as a teacher." Tennessee Wesleyan College takes this charge seriously and does not automatically recommend for certification all students who complete the academic program.

The following information applies to all students who will seek elementary certification after September 1, 1984:

1. New certification requirements will become effective on September 1, 1984
2. Any student who is planning to certify after this date should contact a member of the Educational Services Department for advice in registering for courses.

Degree and Certification Requirements for Education

Requirements for the B.S. in ELEMENTARY EDUCATION

A major in Elementary Education consists of the following:

A. General Education Courses
   1. Language Arts (18 q.h.)
      a. E 101-02-03 Freshman Composition I,II,III — 9 q.h.
      b. SP 101 Introduction to Speech — 3 q.h.
      c. E 312 Books and Related Materials for Children — 3 q.h.
      d. E 322 Grammar and Linguistics for Teachers — 3 q.h.
      or
      e. E 211 Basic Reference Materials — 3 q.h.
   2. Natural Science (18 q.h.)
      a. Introductory courses in Biology, Chemistry or Physics — 12 q.h.
      b. B 380 Conservation Ecology — 3 q.h.
      c. Other Science Courses, a minimum of — 3 q.h.
   3. Humanities (27 q.h.)
      a. Any 6 quarter hours from English Area (Lit.) — 6 q.h.
      b. Religious and Philosophical Studies (see ACR) — 9 q.h.
      c. A 151-52 Public School Art I,II — 6 q.h.
      d. MU 320-21 Music for Elementary Teachers I,II — 6 q.h.
   4. Health and Physical Education (18 q.h.)
      a. Three activity courses in General Physical Education Series — 3 q.h.
      b. P E 301 Physical Education for Elementary Teachers — 3 q.h.
      c. At least two of the following 3 q.h. courses
         (1) HE 161 Community Hygiene — 3 q.h.
         (2) HE 162 Personal Hygiene — 3 q.h.
         (3) HE 263 Nutrition — 3 q.h.
         (4) HE 264 Safety Education and First Aid — 3 q.h.
      d. Any 6 q.h. chosen from the Institution's Approved Program (6 hours beyond the minimum in 4C above may be counted in this area)
   5. Social Sciences (18 q.h.)
      To be selected from the following areas:
      Anthropology, Economics, Geography, History, Political Science, or Sociology.
      Must include two courses from H 101, 102, 103 or from H 204, 205, 206.
   6. Mathematics (9 q.h.)
      a. M 117-118-119 Modern Mathematics for Elementary Teachers I,II, & III — 9 q.h.

B. Professional Education Courses
   1. ED 100 Seminar: Professional Orientation to Elementary School Teaching — 3 q.h.
   2. ED 101 Foundations of Education — 3 q.h.
   3. ED 201 Educational Psychology I — 3 q.h.
   4. ED 202 Educational Psychology II — 3 q.h.
   5. ED 320 Introduction to Exceptionality — 3 q.h.
   6. ED 322 Concentrated Child Study — 3 q.h.
   7. ED 323 Measurement and Evaluation — 3 q.h.

8. ED 330 Principles of Guidance 3 q.h.
9. ED 350 Curriculum Development in the Elementary School 3 q.h.
10. ED 426 Teaching Language Arts in the Elementary School 3 q.h.
11. ED 427 Teaching Reading in the Elementary School 3 q.h.
12. ED 428 Teaching Science in the Elementary School 3 q.h.
13. ED 429 Teaching Social Studies in the Elementary School 3 q.h.
14. ED 441 Directed Teaching in the Elementary School 6 q.h.
15. ED 453 Methods for Teaching Arithmetic 3 q.h.

Professional certification endorsement for teaching KINDERGARTEN requires the following program:

A. Completion of the requirements in Elementary Education.
B. Satisfactory completion of the following courses:
1. ED 433 Methods of Teaching in Kindergarten 3 q.h.
2. ED 450 Directed Teaching in Kindergarten 6 q.h.

Professional certification endorsement for teaching SPECIAL EDUCATION requires the following program:

A. Endorsement as a regular Elementary or Secondary Teacher
B. Satisfactory Completion of the following courses:
ED 320 Introduction to Exceptionality* 3 q.h.
ED 301 Mental Retardation 3 q.h.
ED 302 Methods, Teaching the Mentally Retarded 3 q.h.
ED 405 The Learning Disabled Child 3 q.h.
ED 406 Methods of Teaching the Learning Disabled 3 q.h.
ED 415 The Emotionally Disturbed Child 3 q.h.
ED 416 Methods of Teaching The Emotionally Disturbed Child 3 q.h.
ED 417 Individual Assessment in Special Education 3 q.h.
ED 430 Diagnosing Reading Problems 3 q.h.
ED 431 Developmental Reading Workshop 3 q.h.
ED 445 Directed Teaching, Special Education 6 q.h.
ED 453 Methods for Teaching Arithmetic 3 q.h.

Required of all students seeking teacher certification through Tennessee Wesleyan College.

Certification in SECONDARY EDUCATION consists of the following:

A. ACR and SP 101 Introduction to Speech
B. Completion of Requirements in the Subject Matter Field
C. Professional Education Courses
1. ED 102 Seminar:
Professional Orientation to Secondary School Teaching 3 q.h.
2. ED 101 Foundations of Education 3 q.h.
3. ED 201 Educational Psychology I 3 q.h.
4. ED 202 Educational Psychology II 3 q.h.
5. ED 320 Introduction to Exceptionality 3 q.h.
6. ED 323 Measurement and Evaluation 3 q.h.
7. ED 330 Principles of Guidance 3 q.h.
8. ED 360 Curriculum Development in the Secondary School 3 q.h.
9. ED 454 Methods of Teaching in Grades 7-12 3 q.h.

10. ED 455	Directed Teaching in Grades 7-12	6 q.h.
11.	Electives in Professional Education	6 q.h.

Requirements for a minor in EARLY CHILDHOOD EDUCATION are:

ED 101	Foundations of Education	3 q.h.
ED 201	Educational Psychology I	3 q.h.
ED 202	Educational Psychology II	3 q.h.
ED 322	Concentrated Child Study	3 q.h.
ED 433	Methods of Teaching Kindergarten	3 q.h.
Topics course as approved by the Department Chairman		3 q.h.

Requirements for minor in SPECIAL EDUCATION are:

ED 101	Foundations of Education	3 q.h.
ED 201	Educational Psychology I	3 q.h.
ED 202	Educational Psychology II	3 q.h.
ED 301	Mental Retardation	3 q.h.
ED 302	Methods of Teaching the Mentally Retarded	3 q.h.
ED 320	Introduction to Exceptionality	3 q.h.
ED 415	The Emotionally Disturbed Child	3 q.h.
ED 416	Methods of Teaching the Emotionally Disturbed Child	3 q.h.

Church Nursery and Kindergarten Director and Educational Assistant

A special interdisciplinary major curriculum combining courses in education and religious studies is available for students interested in becoming Church Educational Assistants or Church Nursery and Kindergarten Directors. See the advisor on interdisciplinary majors for details.

English

The program of the English department emphasizes development of skills in written communication, enhancement of sensitivity to the use of language, and growth in aesthetic appreciation of literature. Two majors are available, English (B.A.) and English Education (B.S.) The English major prepares the student for graduate study or for a number of careers in which skill in the use of language is desirable. The English Education major is designed specifically for those preparing to teach English in the public schools.

Requirements for the B.A. in ENGLISH

The major in English consists of fifty-one quarter hours distributed as follows:

E 101,2,3	Freshman Composition	9 q.h.
E 201,2,3	World Literature	9 q.h.
E 321	History of English Language and Grammar Review	3 q.h.
E 351	Shakespeare I	3 q.h.
	OR	
E 352	Shakespeare II	
E 390	Advanced Composition	3 q.
E 430	Chaucer	3 q.

	OR	
E 440	Milton	
E 441,2	Survey American Literature	4 q.h.
E 450,1	Survey British Literature	4 q.h.
E 480	Seminar for English Majors	1 q.h.
	English Electives	12 q.h.

Requirements for the B.S. in ENGLISH EDUCATION

The major in English Education consists of sixty-three quarter hours distributed as follows plus the completion of thirty-nine quarter hours of professional education courses for certification in secondary education.

E 101,2,3	Freshman Composition	9 q.h.
E 201,2,3	World Literature	9 q.h.
E 321	History of English Language and Grammar Review	5 q.h.
E 351	Shakespeare I	3 q.h.
	OR	
E 352	Shakespeare II	
E 390	Advanced Composition	3 q.h.
E 430	Chaucer	3 q.h.
	OR	
E 440	Milton	
E 441,2	Survey American Literature	4 q.h.
E 450,1	Survey British Literature	4 q.h.
E 480	Seminar for English Majors	1 q.h.
	English Electives	12 q.h.
PLUS:		
SP 101	Introduction to Speech	3 q.h.
CM 250	Journalistic Writing	3 q.h.
E 313	Books & Related Materials for Young People	3 q.h.
TH 408	Directing	3 q.h.

Requirements for a minor in ENGLISH.

E 101,2,3; E 201,2,3; E 351 or 352 and 6 additional quarter hours at the 300-400 level or an approved topics course.

Health, Physical Education and Recreation

In a society where leisure time pursuits are becoming increasingly more important, regular participation in physical activities will meet your individual present and future needs. The study of physical education at TWC integrates participation in physical activities with the sharing of knowledge of physical education techniques. Preparation in health and physical education may lead you to future employment in teaching, coaching (or a combination of the two), public or church recreation work, physical therapy, and youth agency work, and others. The opportunity for you to participate in sports, both intramural and intercollegiate, enhances the total Tennessee Wesleyan program.

Requirements for the B.S. in HEALTH AND P.E.

The major in Health and P.E. shall consist of the following:

B 285 or	Human Anatomy or

B 286	Human Physiology	4 q.h.
HE 161	Community Hygiene	3 q.h.
HE 162	Personal Hygiene	3 q.h.
HE 263	Nutrition	3 q.h.
HE 264	Safety & First Aid	3 q.h.
PE 365	Adaptive Physical Education	3 q.h.
PE 101,2,3	General Physical Ed. (6 activities)	6 q.h.
PE 200	Introduction to P.E.	3 q.h.
PE 257	Advanced Life Saving	
	OR	3 q.h.
PE 358	Water Safety Instruction or Previous Certification	
PE 301	P.E. for Elementary Teachers	3 q.h.
PE 302	Individual and Dual Sports	3 q.h.
PE 303	Team Sports	3 q.h.
PE 305	Folk and Square Dancing	3 q.h.
PE 306	Stunts and Tumbling	3 q.h.
PE 411	Tests and Measurements In P.E.	3 q.h.
PE 421	Physiology of Exercise	3 q.h.
PE 431	Organization and Administration of P.E.	3 q.h.
PE 451	Curriculum Development in P.E.	3 q.h.

Approved elective courses in areas such as mental hygiene, family relations and community relations SO 111 and SO 201 are approved.

Requirements for the B.S. in PHYSICAL EDUCATION

The major in Physical Education constists of the following:

B 285,286	Human Anatomy and Human Physiology	8 q.h.
PE 101,2,3	General Physical Education (6 activities)	6 q.h.
PE 200	Introduction to Physical Education	3 q.h.
PE 257,358	Advanced Life Saving or Water Safety Instructor (or previous certification)	3 q.h.
PE 301	P.E. for Elementary Teachers	3 q.h.
PE 302	Individual and Dual Sports	3 q.h.
PE 303	Team Sports	3 q.h.
PE 305	Folk and Square Dancing	3 q.h.
PE 306	Stunts and Tumbling	3 q.h.
PE 411	Tests and Measurements In P.E.	3 q.h.
PE 421	Physiology of Exercise	3 q.h.
PE 431	Organization and Administration of P.E.	3 q.h.
PE 451	Curriculum Development in P.E.	3 q.h.
HE 264	Safety and First Aid	3 q.h.
PE 365	Adaptive P.E.	3 q.h.

For those students who wish to certify to teach P.E., in addition to the above requirements, the 39 q.h. of professional education courses for certification in secondary education must be completed.

Requirements for the B.S. in RECREATION

A. Basic Requirements	
General Physical Education (6 activities)	6 q.h.
SO 101,102 Sociology I,II	6 q.h.
SO 231 Human Services	3 q.h.
SO 261 Social Phychology	3 q.h.
PY 101,102 Introduction to Psychology I,II	6 q.h.
PS 201,202,203 American Government and Politics I,II,III	9 q.h.
BA 101 Introduction to Business	3 q.h.
BA 211,212,213 Business Law I,II,III	9 q.h.
PE 300 Recreation and Park Services	3 q.h.
PE 200 Introduction to P.E. and Recreation	3 q.h.
PE 431 Organization and Administration of P.E.	3 q.h.
B. Physical Education and Health. Select 27 hours.	
PE 257,358 Advanced Life Saving/Water Safety Instruction	3-6 q.h.
PE 375 Camping and Outdoor Recreation	3 q.h.
PE 301 PE for Elementary Teachers	3 q.h.
PE 302 Individual Sports	3 q.h.
PE 303 Team Sports	3 q.h.
PE 305 Folk and Square Dancing/Social Recreation	3 q.h.
PE 306 Stunts and Tumbling	3 q.h.
PE 308 Officiating Team Sports	3 q.h.
PE 365 Adaptive P.E.	3 q.h.
PE 421 Physiology of Exercise	3 q.h.
HE 161 Community Hygiene	3 q.h.
HE 162 Personal Hygiene	3 q.h.
HE 264 Safety and First Aid	3 q.h.
C. Professional Emphasis (Select one area)	
1. Therapeutic Recreation	
PY 111 Personal Adjustment	3 q.h.
PY 311 Abnormal Psychology	3 q.h.
PY 303 Phychology of Learning	3 q.h.
Select two:	
PY 231 Psychology of Childhood	3 q.h.
PY 241 Psychology of Adolescence	3 q.h.
PY 251 Psychology of Adulthood and Old Age	3 q.h.
SO 232 Guidance and Counseling	3 q.h.
PE 471, 472 Internship	3,3 q.h.
B 285,286 Human Anatomy and Physiology	8 q.h.
2. Camping and Environmental Education	
B 200 Environmental Science	3 q.h.
B 380 Conservation Ecology	3 q.h.
B 465 Principles of Ecology	3 q.h.
PE 471, 472 Internship	3,3 q.h.
SP 101 Introduction to Speech	3 q.h.

History

The study of history does not present the past merely as a source of ideas to be copied, but as an index of what man can achieve despite physical and cultural limitations. Your understanding of history is vital to any broad liberal education. A major in history provides you with a background appropriate for such diverse occupations as archival work, government service, law, library science, theology, and secondary and college teaching.

Requirements for the B.A. in HISTORY

A major in History consists of at least 45 quarter hours, 36 of which must be above the 100 level. The following courses must be included:

Three courses from H100, H101,H102, H103		9 q.h.
H 204,5,6	History of the U.S.	9 q.h.
H 241,2,3	History of Modern Europe	9 q.h.
H 451	The Literature of History	3 q.h.
H 461	Seminar in History	3 q.h.

The remainder of the program will be selected in consulation with the faculty of the department. History majors may elect to stress either United States or European History. Those students planning to attend graduate school will be strongly urged to demonstrate a proficiency at the intermediate level in a foreign language or the introductory level in statistics.

Requirements for a minor in HISTORY.

H 101,2,3; H 204,5,6; and any 9 quarter hours of history at 200 level or above.

Human Services

This major is intended for students who will not immediately pursue additional training upon graduation but who will seek employment in a human service related profession. Work in this major will enable the student to compliment academic study with practical knowledge of the experience in community service agencies, both public and private.

Requirments for the B.S. in HUMAN SERVICES

A major in Human Services consists of 45 hours distributed as follows:

SO 231,2,3	Human Services I,II, & III	9 q.h
SO 421,2	Human Services Field Work I & II	6 q.h
	Electives in Sociology (including Intro. to Sociology I & II)	15 q.h
	Electives in Psychology (including Intro. to Psychology I & II)	15 q.h

Mathematics

The purpose of the Department is to provide you with an understanding of and training i the use of mathematics as:

—a language to facilitate your reasoning and to aid the communication of your ideas;

—a tool which furnishes you methods and techniques of problem-solving in areas rangin from your daily experiences to advanced research in both pure and applied science;

—an art characterized by form, pattern, and beauty, exhibited in and influencing suc tangible creative areas as painting, architecture, and music;

—and as a science, independent, of, yet related to, all other sciences.

Requirements for the B.A. in MATHEMATICS

The student completing the B.A. major in mathematics must successfully complete M283, M464, and minimum of 21 additional quarter hours in 300 and 400 level courses in mathematics.

Requirements for the B.S. in Mathematics

The student completeing the B.S. major in mathematics must successfully complete the courses above. In addition, the 39 quarter hours of professional education courses for certification in secondary education must be completed.

Requirements for the B.S. in MATHEMATICS AND PHYSICAL SCIENCES

A major in Mathematics and Physical Science consists of the following:

M 281,2,3	Calculus w/Analytic Geometry I,II, & III	15 q.h.
A mathematics course beyond M 283		3 q.h.
C 101,2,3	General Chemistry I,II & III	12 q.h.
P 211,2,3	General Physics I,II & III	12 q.h.
P 133	Introduction to Astronomy	
	OR	4 q.h.
P 135	Introduction to Geology	
GY 107	World Geology	3 q.h.
Additional quarter hours in Mathematics and/or Physical Sciences		18 q.h.

In addition, the 39 q.h. of professional education courses for certification in secondary education must be completed.

Requirements for a minor in MATHEMATICS

M 281,2,3 plus two courses selected from M 142, M 143 or 300-400 level course.

MEDICAL TECHNOLOGY

Requirments for the B.S. in MEDICAL TECHNOLOGY

A major in Medical Technology consists of 150 quarter hours, plus hospital training. The ACR must be completed and the following courses included in the total:

B 111,2,3	General Biology I, II and III	12 q.h.
	Advanced Biology Electives	12 q.h.
B 490	Advanced Microbiology (including immunology)	4 q.h.
C 101,2,3	General Chemistry I,II and III	12 q.h.
C 201,2,3	Organic Chemistry I,II, and III	12 q.h.
P 131,2	Physics for Non-Technical Students I and II or	
P 211,2	General Physics I and II	8 q.h.

One year of clinical training in any laboratory accredited by the American Medical Association in collaboration with the American Society of Clinical Pathologists and the American Society of Medical Technologists is also required.

A minimum of the last 45 quarter hours prior to hospital training must be taken at TWC.

NURSING

This College has a working relationship with the School of Nursing of Emory University. Students take prescribed courses during the first two years here, and then complete a B.S. degree in Nursing at Emory University. If you are interested, you should discuss this program with your advisor.

MUSIC

The Music Department is a vital part of the TWC community. It serves as a cultural agency for the campus, community and surrounding area. The baccalaureate programs which it offers prepare you as a musician in the areas of performance and teaching, and provide you with the necessary background for further study, not only in these areas, but also in music history, theory and composition. For the general college student many opportunities are available through performance, private study, improvement of your listening skills and development of your basic understandings in music fundamentals.

Several concerts and recitals are presented by the Music Department throughout the school year. Performances are given by the College Choir, the Consolidation, the Reflections, piano ensemble, individual students and faculty members.

The Music Department sponsors an honorary music fraternity, Delta Rho Mu, and a student chapter of the Music Educators National Conference.

Special Information for Students with a Major in Music

1. Admission to the Department of Music

The student is encouraged to declare his/her major in music at the earliest possible time because of the professional aspects of the music curriculum. In addition to the general requirements for admission to the college, the student must meet the following requirements of the Department of Music.

Each student will perform in his/her major medium an audition of ten minutes or less either in person or by tape recording. This audition will be used to ascertain the student's level of performance and to make recommendations concerning the student's placement in applied music. Only on the basis of the audition will he/she be recommended for acceptance as a music major. Students are encouraged to audition the quarter prior to their enrollment. Audition appointments may be made by writing the Chairperson, Department of Music, Tennessee Wesleyan College, Athens, Tennessee 37303.

Each student will take a music placement test to determine his/her aptitude and musical knowledge.

2. Piano and Voice Proficiency

All students majoring in music must pass a piano and voice proficiency examination or register in piano or voice until this requirement is met. The examinations must be passed by the beginning of the junior year for students who enter as freshmen and by the beginning of the second quarter of the junior year for transfer students. The proficiency examination tests the student's ability to use the piano and voice as tools within the framework of his/her professional activities. The test is given at the end of each quarter and is taken with the consent of the student's instructor in each area. Entering students who are prepared to take the examination may do so before their first quarter of registration.

3. Applied Music Lessons

All students enrolled in a music curriculum receive applied music training in voice, piano

rgan, guitar, or any orchestral instrument. The following formula is used to credit the tudy of applied music:

One quarter hour of credit: one half-hour of instruction per week and a minimum of one hour practice per day.

Two quarter hours of credit: one hour of instruction per week and minimum of two hours of practice per day. (This is considered the normal load for a music major.)

Three quarter hours of credit: one hour of instruction per week and a minimum of three hours of practice per day.

. Applied Music Evaluations

Evaluations (recital or jury) by a committee composed of the student's instructor and at east two other members of the music faculty will be held at the conclusion of each quarter f applied music study. The committee will decide the grade for the examination. The eacher's and the committee's grades determine the final grade.

. Music Ensembles

All music majors are required to earn ten quarter hours through participation in the ollege Choir. The purpose of this requirement is to acquaint the student with the best music terature in the ensemble medium through actual performance. Auditions are held each uarter before registration. Assignment to an ensemble is made at the discretion of the rganization director. A maximum of twelve quarter hours may be earned toward raduation.

. Outside Performance

Permission to take part in musical activities apart from the regularly scheduled offerings f the Deparment of Music must be obtained from the student's applied music instructor. he music faculty reserves the right to **limit** or **prohibit** student participation in music nsembles or solo performance outside the Department of Music if such participation im- edes desirable musical growth.

. Student Recitals

Students pursuing a course of study leading to a Bachelor of Music Education degree will resent a graduating recital (normally thirty minutes) during the senior year.

Students pursuing a course of study leading to a Bachelor of Arts degree with a major in usic will present a recital in the junior year (normally thirty minutes) and a graduation ecital in the senior year (normally one hour).

A committee hearing is required of all students for degree recitals which are in partial lfillment of academic requirements. All recitals must be presented to the music faculty nd approved at least two weeks prior to the date of the recital. Further details are vailable in the Department of Music Office.

Before the date of their recitals, a student pays to his or her applied music instructor an mount to cover the cost of the programs, recording tape, and technicians' services.

Fulfillment of Graduation Requirements

1. All music majors are required to maintain an average of C or better in the theory course quence.

2. The student must give any required recitals during a term in which he is enrolled in the applied area of study.

3. All other music departmental requirements for graduation must be completed while the student is enrolled in the college.

Degree Requirements for Music

Requirements for the B.A. in MUSIC

To receive the Bachelor of Arts degree with a major in music the student must complete sixty-seven quarter hours in music courses as follows:

MU 111, 112, 113	Materials & Structures of Music I,II,III	12 q.h
MU 211, 212, 213	Materials & Structures of Music IV,V,VI	12 q.h
MU	Applied Music (principal)	18 q.h
MU	Applied Music (secondary)	6 q.h
MU 314, 315, 316	History of Music I,II,III	9 q.h
MU	College Choir	10 q.h
	Total hours required:	192 q.h

Requirements for the Bachelor of Music Education with a major in Church Music

To receive the Bachelor of Music Education degree with a major in Church Music the student must complete seventy-two or seventy-five quarter hours in Music, twenty-seven quarter hours in Music Education and Professional Education, twenty-one quarter hours in Religion and Philosophy and nine quarter hours in Communications, Speech and Theater as follows:

Basic Musicianship and Performance		
MU 111, 112, 113	Materials & Structures of Music I,II,III	12 q.h
MU 211, 212, 213	Materials & Structures of Music IV,V,VI	12 q.h
MU 100, 101, 102 and 200, 1,2,	Class Piano (non-Keyboard majors) Or	6 q.h
MU 116, 117, 118	Class Voice (non-voice majors)	3 q.h
MU	Applied Music (principal)	18 q.h
MU 120	Beginning Score Reading and Conducting	2 q.h
MU 325	Advanced Conducting	3 q.h
MU 310	Music in the Church	3 q.h
MU 314, 315, 316	History of Music I,II,III	9 q.h
MU	College Choir	10 q.h
Professional Education in Music		
MU 329	Methods & Materials for Teaching Music in Elementary School	3 q.h
MU 332	Methods & Materials for Teaching Gen. Music in the Secondary School	3 q.h
MU 333	Choral Literature & Techniques	3 q.h
Professional Education		
ED 101	Foundations of Education	3 q.h

ED 201	Educational Psychology I	3 q.h.
ED 202	Educational Psychology II	3 q.h.
ED 320	Introduction to Exceptionality	3 q.h.
ED 322	Concentrated Child Study	3 q.h.
ED 330	Principles of Guidance	3 q.h.
Religion and Philosophy		
R 217	Old Testament	3 q.h.
R 218	New Testament	3 q.h.
R 310	United Methodist History & Beliefs	3 q.h.
R 325, 327, 329	Church Vocations Practicum I,II,III	9 q.h.
PH 100	Introduction to Philosophy	3 q.h.
Communications, Speech & Theater		
COM 101	Theory of Communications	3 q.h.
SP 101	Introduction to Speech	3 q.h.
TH 104	Introduction to Theater	3 q.h.

Total hours required: 192 quarter hours

The student majoring in Church Music may receive certification to teach in the State of Tennessee by adding eighteen quarter hours in Music Education and three quarter hours in Professional Education.

Requirements for the Bachelor of Music Education with a Major in Teaching

To receive the Bachelor of Music Education degree with a major in teaching, the student must complete sixty-nine or seventy-two quarter hours in Music, plus forty-two quarter hours in Music Education and Professional Education as follows:

Basic Musicianship Performance		
MU 111, 112, 113	Materials & Structures of Music I,II,III	12 q.h.
MU 211, 212, 213	Materials & Structures of Music IV,V,VI	12 q.h.
MU 100, 101, 102 and 00, 1,2,	Class Piano (non-Keyboard majors)	6 q.h.
	Or	
MU 116, 117, 118	Class Voice (non-voice majors)	3 q.h.
MU	Applied Music (principal)	18 q.h.
MU 120	Beginning Score Reading and Conducting	2 q.h.
MU 325	Advanced Conducting	3 q.h.
MU 314, 315, 316	History of Music I,II,III	9 q.h.
MU	College Choir	10 q.h.
Professional Education in Music		
MU 221	Methods & Materials for Teaching Percussion Inst.	1 q.h.
MU 222, 223	Methods & Materials for Teaching Brass Inst.	2 q.h.
MU 231, 232, 233	Methods & Materials for Teaching Stringed Inst.	3 q.h.
MU 241, 242, 243	Methods & Materials for Teaching Woodwind Inst.	3 q.h.
MU 329	Methods & Materials for Teaching Music in Elementary School	3 q.h.
MU 332	Methods & Materials for Teaching Gen. Music in the Secondary School	3 q.h.
MU 333	Choral Literature & Techniques	3 q.h.
MU 450	Directed Teaching in Music (Elementary)	6 q.h.
MU 460	Directed Teaching in Music (Secondary)	6 q.h.

Professional Education		
ED 100 or 102	Seminar: Professional Orientation	3 q.h.
ED 101	Foundations of Education	3 q.h.
ED 201	Educational Psychology I	3 q.h.
ED 202	Educational Psychology II	3 q.h.
ED 320	Introduction to Exceptionality	3 q.h.

Total hours required: 192 quarter hours.

Requirements for a minor in MUSIC

MU 111, 112 and 9 quarter hours of MU 191 etc. and/or MU 181 etc. Plus MU 315, 316, or MU 120, 333.

Political Science

Requirements for a minor in POLITICAL SCIENCE

PS 121, PS 201, 2, 3; and 15 additional quarter hours in political science which may include PS 161.

Psychology

Psychology is concerned with all aspects of behavior, from brain functioning to social interaction. The Psychology Major is centered around a variety of these topics and involves appropriate course work and laboratory experiences, including independent study. The major is aimed for students considering advanced training in psychology and related human sciences as well as for those planning to enter psychology based occupations immediately upon graduation.

Requirements for the B.A. in PSYCHOLOGY

A major in Psychology consists of 49 q.h., distributed as follows:

PY 101, 2	Introducation to Psychology I,II	6 q.h.
PY 211	Experimental Psychology	4 q.h.
PY 411	Advanced General Psychology	3 q.h.
PY 490	Independent Study	3 q.h.
PY 290	Special Topics (one course minimum)	3 q.h.
Psychology Electives (minimum of 12 hours at 300, 400 level)		27 q.h.
Also required for the Psychology Major is M 251 Elementary Statistics		3 q.h

Requirements for a minor in PSYCHOLOGY

PY 211 and at least 18 additional quarter hours in psychology at the 300-400 level.

Requirements for a minor in SOCIOLOGY

SO 101, 2 and SO 311 and 12 additional quarter hours with at least 9 of these at the 300-400 level. SO 231, 32, 33 and 421, 22 may not count for the minor.

Public Administration

This inter-departmental program of 79 quarter hours, including two practice or internships, leads to a Bachelor of Science degree. The purpose of this major is to prepare the students for entry into public administration careers in federal, state, or local government; preparation for public administration graduate schools; and/or pre-law preparation.

Requirements for the B.S. in PUBLIC ADMINISTRATION

BA 201, 202, 203	Principles of Accounting I,II,III	9 q.h.
BA 211, 212, 213	Business Law I,II,III	9 q.h.
BA 315	Business Writing	4 q.h.
BA 321	Principles of Management	3 q.h.
EC 201, 202, 203	Principles of Economics I,II,III	9 q.h.
EC 430	Managerial Finance	3 q.h.
M 251, 252	Elementary Statistics I & II	6 q.h.
PS 121	Introduction to Politics	3 q.h.
PS 201, 202, 203	American Government & Politics	9 q.h.
PS 411, 2	Public Administration I,II	6 q.h.
PS 413	Public Administration Practicum	6 q.h.
PY 101, 2	Introduction to Psychology I,II	6 q.h.
SO 101	Sociology I: Human Interaction	3 q.h.
SO 102	Sociology II: Social Structure & Process	3 q.h.

Requirements for a minor in PUBLIC ADMINISTRATION

PS 201, 2, 3; PS 411, 413, and BA 201, 2, 3. Also recommended are BA 211, 212, 213 and M 251, 252.

Religion and Philosophy

The Department believes that the study of religion and philosophy can free you from looking at yourself and others only on the surface. It can help you become more aware of your limits and possibilities and may even assist you in gaining insights which may change your life. Departmental members encourage you to feel sensitively and to think carefully with others, past and present, who can aid you in learning what it means to live as a human being today, with careful attention to the life and teachings of Christ.

To assist those who want to make these discoveries and to meet vocational needs, the Department offers basic, intermediate, and advanced courses on a wide range of topics. Through flexible and individualized studies, you can pursue your own interests. Through practica, you can become increasingly able to put to work in concrete situations the knowledge and skills you are gaining. The Department offers majors in Church Vocations and the Pre-seminary major.

Requirements for the B.A. in CHURCH VOCATIONS

In order to major in a church vocation, the student shall complete the core Religious Studies courses and one or more of the following areas: Church School Education, Church Camps and Recreation, Church Business Management.

Core Religious Studies Course (27 q.h.)

Biblical Courses	9 q.h.
Church Vocations Practica	9 q.h.

Electives in Religion	9 q.h.
Church School Education (30 q.h.)	
Foundations of Education	3 q.h.
Educational Psychology I & II	6 q.h.
Introduction to Exceptionality	3 q.h.
Concentrated Child Study	3 q.h.
Principles of Guidance	3 q.h.
Human Services I, II, III	9 q.h.
Church Camps and Recreation (30 q.h.)	
Community Hygiene	3 q.h.
Personal Hygiene	3 q.h.
Nutrition	3 q.h.
Safety and First Aid	3 q.h.
Advanced Life Saving/Water Safety Instructor	3 q.h.
Outdoor Activities	3 q.h.
Individual and Dual Sports	3 q.h.
Rhythmic Activities (Folk Games)	3 q.h.
Electives chosen from	6 q.h.
Physical Education for Elementary Teachers Adaptive Physical Education	
Team Sports Stunts and Tumbling	
Church Business Management (25 q.h.)	
Introduction to Business	3 q.h.
Principles of Accounting I, II, & III	9 q.h.
Office Equipment and Procedures	3 q.h.
Principles of Management	3 q.h.
Business Writing	4 q.h.
Office Management	3 q.h.

Social Science sequence should be Principles of Economics 201, 202. Also strongly recommended: Industrial Psychology.

Requirements for the PRE-SEMINARY B.A.

English	18 q.h.
Social Science (Psychology, 6 or 9 hours; Sociology, Political Science, Economics, Education: either 9 hours in one discipline or 6 hours each in two)	18 q.h.
History	9 q.h.
Philosophy	9 q.h.
Religion (including a course in Bible)	9 q.h.
18 q.h. on 300-400 level from one of these disciplines: English, Psychology, History Philosophy, Religious Studies	18 q.h.

Strongly Recommended (required by some seminaries)
18 q.h. of French or German

Science Education

Requirements for the B.S. in SCIENCE EDUCATION

A major in Science Education requires 60 q.h. in science which must include th following:

B 111, 2, 3	General Biology I, II, III	12 q.

C 101, 2, 3	General Chemistry I, II, III	12 q.h.
P 211, 2, 3	General Physics I, II, III	12 q.h.

In addition the 39 q.h. of professional education courses for certification in secondary education must be completed.

Social Science

Two majors are offered to you in Social Science. One major is designed to provide you with a well rounded background in the social sciences giving you the opportunity to prepare adequately for graduate study in any one of several fields. The other major is designed to meet the certification requirements for secondary school teaching.

Requirements for the B.A. in SOCIAL SCIENCE

The B.A. in Social Science requires 36 q.h. equally divided among four of the following fields:

Anthropology
Economics
History
Geography
Political Science
Sociology
Psychology

One or two of the above areas should be selected for an additional 24 hours.

The selection of areas for emphasis should be made in consultation with the student's advisor.

A student planning graduate study should gain proficiency in a foreign language or statistics.

Requirements for the B.S. in SOCIAL SCIENCE

The B.S. in Social Science designed for teacher certification requires a minimum of 54 q.h. distributed as follows:

American History	9 q.h.
World History	9 q.h.
Selection of four areas:	
Economics	9 q.h.
Geography	9 q.h.
Political Science	9 q.h.
Sociology	9 q.h.
Psychology (Including PY101 and 261)	9 q.h.

In addition, the student must complete the requirements established by the College for certification in secondary education.

Speech and Theater

All courses in the Tennessee Wesleyan College Department of Speech and Theater are designed to emphasize the relationship between quality communication and the successful interaction of individuals. Specifically, Introduction to Speech, Oral Interpretation and

Voice Science are dedicated to excellence in oral presentation. Group Discussion and Persuasion are organized to assist business majors as they identify the unique character of communication in the business environment. Introduction to Theater, Directing and the Drama Workshops present religious leaders and English majors with an opportunity to familiarize themselves with methods and techniques that are necessary for the successful staging of a dramatic program in the school, in the community or in the church.

Requirements for the B.A. in SPEECH AND THEATER

Students majoring in Speech and Theater are required to take forty hours of work in the area of English, Speech and Theater. E 231 (Modern Drama), E 351 (Shakespeare I), and E 352 (Shakespeare II) will be taken by all Speech and Theater majors.

The Speech and Theater Department encourages every student to develop and express outstanding talents through public performances. To facilitate that expression, 24 hours of work are offered in performace labs.

In addition to the regular labs and courses, a student may elect to take an independent study course to pursue, in depth, specific aspects of a topic previously studied. Majors are encouraged to consider independent study.

EXPLANATION OF COURSE OFFERINGS

Course offerings and descriptive information are listed by departments alphabetically in the **Catalog.** The credit value of each course in quarter hours is indicated by a number in parentheses after the title. One quarter hour of credit represents one faculty-student contact period per week, or two or more hours of regularly scheduled laboratory, practice, directed individual study, or other formal course activity per week.

COURSE SYMBOLS:

r Courses which may be repeated for credit are designated by "r" immediately following the course number.

• A dot following the course number indicates that consent of the instructor is prerequisite to registration.

* An asterisk following the course number indicates that the course is offered only upon sufficient demand — usually in alternate years.

Courses Available in Every Department

490r• INDEPENDENT STUDY (1-6)
Individual project including library research, conferences with the instructor, oral and written reports on independent work. Subject matter may complement, but not duplicate, material in regular courses. Arrangements must be made with a department member prior to registration. **Prerequisite:** Approval of the departmental chairperson and the Academic Dean.

290r• TOPICS IN (Name of Discipline) (1-6)
Topics of current interest in (name of discipline). The topic for study during a given quarter will be announced prior to registration.

ANTHROPOLOGY

AN 201, 202, 203 INTRODUCTION TO ANTHROPOLOGY I, II, III (3 each)
An introduction to the history, the concepts of, and the methods of anthropology with an emphasis on the cultures of man, noting the varieties and range of human behavior as revealed through the study of primitive societies in all parts of the world. Fall quarter: the evolutionary background; Winter quarter: ethnological analysis; Spring quarter: ecological adaptation.

ART

A 151 PUBLIC SCHOOL ART I (3)
Color theory and principles of design. Abstract projects in the application of the various color harmonies, and in design and composition. These projects are calculated to provide the teacher with an artistic basis for designing educational displays, educational murals, etc., and for constructive criticism of student art work. A final demonstration project is required.

A 152 PUBLIC SCHOOL ART II (3)
Experience with applied art. Project course. Exploration of methods and materials used in public school art: crayon, chalk, water color, tempera, ink, finger painting, collage work, crayon etching, paper mosaic, paper sculpture. A final demonstration project is required.

A 201 ART APPRECIATION (3)
Class discussions of the visual arts in terms of content, style, technique, and theory.

A 341 THE HISTORY OF ANCIENT AND MEDIEVAL ART (3)
A study of the development of art from prehistoric times through the Gothic period.

A 342 THE HISTORY OF EUROPEAN ART (3)
A study of European art from the 14th Century through the mid-18th, with major emphasis on the Italian Renaissance.

A 343 THE HISTORY OF MODERN ART (3)
A study of the significant art movements of the 19th and 20th Centuries.

AVIATION

AV 101 AEROSPACE HISTORY (3)
At the conclusion of this course, the student should have some knowledge of the history of aviation and related areas, opportunities in the aerospace field, fundamentals of flight, and Federal Aviation Regulations.

AV 102 THEORY OF FLIGHT (3)
At the conclusion of this course, the student should have knowledge of the basic principles of flight including the physics of flight, the application of basic aerodynamics to the wing, and the analysis of lift, weight, drag, and thrust.

AV 103 AVIATION LAWS AND REGULATIONS (3)
At the conclusion of this course, the student should have knowledge of Federal and International laws which govern aviation operations.

AV 201 AVIATION WEATHER (3)
At the conclusion of this course, the student should have knowledge of the influence o weather on aviation operations and should have a basic understanding of the way the at mosphere and meteorology affect air operations.

AV 202 NAVIGATION (3)
At the conclusion of this course, the student should have knowledge of the techniques o using radio and other electronic methods, as well as dead reckoning as used in cross country flight.

AV 203, 204, 205 FLIGHT INSTRUCTION I, II, III (3, 3, 3)
At the end of these courses, the student should have the knowledge necessary to meet th FAA regulations for the private pilot's license. However, the student must pass the FA pilot examination in order to obtain his private pilot's license. There is an additional fee Prerequisite: All necessary ground school instruction must be completed before enrollin for these courses.

AV 207, 208, 209 FLIGHT INSTRUCTION IV, V, VI (3, 3, 3)
At the conclusion of this sequence, the student shall have accumulated flight hours an training toward obtaining the commercial pilot's license. This sequence prepares th student for additional instruction and flight time. Prerequisite: AV 203, 204, 205, or pe mission of instructor.

AV 301 AIRCRAFT OPERATION AND PERFORMANCE (3)
At the conclusion of this course, the student should have knowledge of the principles aircraft performance including records, equipment and the requirements for safety an maintenance.

AV 302 FLIGHT SAFETY (3)
At the conclusion of this course, the student should have knowledge of flight safety rules ar regulations, accident investigation, and other safety related aspects of flight operations ar flight.

AV 303, 304, 305 FLIGHT INSTRUCTION VII, VIII, IX (3, 3, 3)
At the conclusion of this course, the student will have accumulated flight hours and i struction leading toward obtaining the commercial pilot's license. These courses are continuance of AV 207, 208, 209 and prepares the student for additional instructio Prerequisite: AV 207, 208, 209, or permission of instructor.

AV 402 PRINCIPLES OF INSTRUMENT FLIGHT (3)
At the conclusion of this course, the student must have knowledge of flight instrument FAA regulations, instrument flight, and flight planning. There is an additional fe Prerequisite: AV 203, 204, 205.

AV 403, 404, 405 FLIGHT INSTRUCTION X, XI, XII (3, 3, 3)
At the conclusion of this sequence, the student shall have accumulated enough hours a instruction to qualify him to take the FAA examination for the commercial pilot's licen and instrumentation rating. Prerequisite: AV 303, 304, 305 or permission of instructor.

AV 406 PRINCIPLES OF COMMERCIAL FLIGHT (3)
At the conclusion of this course, the student shall have knowledge of the FAA regulatio instrument flight, flight planning, and other aspects of commercial flight. Prerequisit Permission of instructor.

V 407, 408, 409 AVIATION INTERNSHIP I, II, III (3, 3, 3)
t the conclusion of this sequence, the student shall have had practical experience in many
the tasks involved in the operation of small commercial airports. Prerequisite: Per-
ission of instructor.

V 411 AIR TRANSPORTATION (3)
t the conclusion of this course, the student should have knowledge of the status of the air
ansportation industry and of the scope of air transportation services.

BIOLOGY

101, 102, 103 BIOLOGICAL CONCEPTS (4, 4, 4)
he more important generalizations of biology and the phenomena upon which they are
ased with particular emphasis on the universal phenomena characteristic of all living
ings; the fundamentals of plant and animal structure, nutrition, genetics, speciation,
production, and the integration of the organism as a whole. Three lectures and one two-
our laboratory a week. Designed for Non-Science Students.

111, 112, 113 GENERAL BIOLOGY (4, 4, 4)
n intensive course of study designed to emphasize the unity of biology through the in-
estigation of: (1) the cell, including the molecular basis of life, energy transformations,
llular reproduction, and heredity. (2) organisms, including behavior, physiology, and the
ature of the structures associated with these processes. (3) populations and communities,
cluding a survey of the plant and animal kingdoms as well as a study of the origin of life
nd the processes of speciation. Three lectures and one two-hour laboratory a week.
esigned for Science Majors and Pre-professional Students in Medicine, Dentistry, Medical
echnology, Nursing, Pharmacy, and Physical Therapy.

200 ENVIRONMENTAL SCIENCE (3)
he ecological basis for understanding the importance of changing values and attitudes
oncerning natural resource use and depletion. Field trips to develop ecological ap-
reciation of local natural resources give the course added import. Not acceptable for credit
ward a major in Biology. Two hours of lecture and two hours of lab. Prerequisite: A
atural science sequence.

270 PRINCIPLES OF GENETICS (4)
study of the physical and chemical basis of heredity, the structure and function of the
ene, the patterns of heredity in the individual and the population, and the kinds and sources
hereditary variation. Prerequisites: B 111, 112, 113. Three lectures and one two-hour
boratory a week.

271 BIOLOGY OF LOWER VERTEBRATES (4)
study of the natural history, anatomy, taxonomy and phylogeny of extant classes of lower
rtebrates. A field collection of representative lower vertebrates. Prerequisites: B 111,
2, 113. Two hours of lecture and four hours of laboratory per week.

284 COMPARATIVE ANATOMY (4)
comparative study of the evolutionary modifications in the organ systems of vertebrates.
erequisites: B 111, 112, 113. Two lectures and two three-hour laboratories a week.

285 HUMAN ANATOMY (4)
n introductory study of the anatomy of the human body. Not acceptable for credit towards

a major in Biology. Two hours of lecture and four hours of laboratory per week. Prerequisites: Complete sequence of either Biological Concepts or General Biology.

B 286 HUMAN PHYSIOLOGY (4)
An introductory study of the functions of the organs and organ systems of the human body. Not acceptable for credit towards a major in Biology. Two hours of lecture and four hours of laboratory per week. Prerequisites: Complete sequence of either Biological Concepts or General Biology.

B 301 MORPHOLOGY OF NON-VASCULAR PLANTS (4)
A study of selected aspects of the morphology, life-cycle, and evolution of the major taxa of non-vascular plants. Prerequisites: B 111, 112, 113. Two lectures and two two-hour laboratories per week.

B 302 MORPHOLOGY OF VASCULAR PLANTS (4)
A study of selected aspects of the morphology, reproduction, and evolution of the major taxa of vascular plants. Prerequisites: B 111, 112, 113. Two lectures and two two-hour laboratories per week.

B 362 CELLULAR PHYSIOLOGY (3)
A study of the function of cells at the molecular, organelle, and cellular levels of organization. Also included is a consideration of such cellular processes as energy transformation, transport of materials, and growth. Prerequisites: B111, 112, 113 and at least one term of Organic Chemistry. Three lectures a week.

B 365 GENERAL MICROBIOLOGY (4)
An introduction to the classification morphology, and physiology of protozoa, yeasts rickettsiae, viruses, and bacteria. Emphasis is on the bacteria. Prerequisites: B 111, 112 113. Three lectures and one three-hour laboratory a week.

B 371 BIOLOGY OF HIGHER VERTEBRATES (4)
A study of the natural history, anatomy, taxonomy, and phylogeny of extant classes o higher vertebrates. A field collection and preparation of bird and mammal skins will b required as a portion of the laboratory work. Prerequisites: B 111, 112, 113. Two hours o lecture and four hours of laboratory per week.

B 380 CONSERVATION ECOLOGY (3)
The ecological basis for the conservation of natural resources to the future aesthetic an economic benefit of mankind. The use of natural resources is observed and emphasized i field trips to areas of ecological interest, selected industries, power stations, etc. Not ac ceptable for credit toward a major in biology. Three lectures and one two-hour laboratory week.

B 390 HISTORY OF BIOLOGY (3)
A historical survey of events, ideas, discoveries, and philosophies that have contributed t the development of modern biology. Prerequisites: Junior or Senior Status in Biolog Preferred. Three lectures a week.

B 403 PLANT TAXONOMY (4)
A study of the systems of classification used in categorizing flowering plants with emphas on the identification and preservation of the local flora. Prerequisites: B 111, 112, 113. Tw lectures and two two-hour laboratories a week.

3 465 PRINCIPLES OF ECOLOGY (4)
A field-oriented course in environmental biology including a study of plant and animal communities in the field. Emphasis is on interactions of organisms in nature. Prerequisites: B 111, 112, 113. Two lectures and two two-hour laboratories a week.

3 470 INVERTEBRATE ZOOLOGY (4)
An introductory study of the structure, taxonomy, and ecology, of representative kinds of invertebrate animals. Laboratory includes some field work and identification of local free-living invertebrates. Prerequisites: B 111, 112, 113. Two lectures and two two-hour laboratories a week.

3 471, 472 SEMINAR IN BIOLOGY (2, 2)
Designed to help the student in the utilization of biological reference materials. Included are readings in the literature and discussions of current investigations in biology. An oral presentation of a topic of current interest in biological research is required. Prerequisite: At least Junior Status.

3 485 ORGANIC EVOLUTION (3)
An examination of the concept of evolution, the nature and kinds of evidence upon which it is based, and its cultural and social impacts. Prequisites: B 111, 112, 113. Three lectures a week.

BUSINESS ADMINISTRATION

BA 101 INTRODUCTION TO BUSINESS (3)
History and overview of business in the United States. Topics include ownership, organization, management, marketing, production, and accounting.

BA 114 MATHEMATICS OF FINANCE (3)
Emphasizes manipulative algebra including real numbers, products and factoring, operations with polynomials and rational functions, equations, word problems, graphs, roots, and quadratic equations.

BA 201 PRINCIPLES OF ACCOUNTING I (3)
The beginning course in a study of double-entry accounting. The fundamental principles of accounting for the business enterprise is presented; including the basic structure of accounting, the accounting cycle for the service establishment and for the merchandising enterprise, and the accounting for notes, prepayments, and accruals.

BA 202 PRINCIPLES OF ACCOUNTING II (3)
A continuation of BA 201. Includes the study of receivables, inventory, plant assets, payrolls, taxes, and partnership accounting. Prerequisites: BA 201.

BA 203 PRINCIPLES OF ACCOUNTING III (3)
A continuation of BA 202. Includes the study of corporation, departmental, branch and manufacturing accounting with special emphasis on accounting reports for management, creditors, and investors. Prerequisites: BA 202.

BA 211, 212, 213 BUSINESS LAW I, II, III (3, 3, 3)
Fundamental principles of law, its types, divisions, origin, and sources; the administration of law; contracts; legal principles of agency, employer and employee; negotiable instruments; principal and surety; insurer and insured; bailor and bailee; carriers and shippers or passengers; vendor and vendee; and relations of partnership, legal principles in

relation to corporations, property, deeds of conveyance, mortgages, landlord and tenant torts, business crimes, and bankruptcy. Recommended to be taken in sequence.

BA 241 REAL ESTATE PRINCIPLES AND PRACTICES I (3)
Covers the basic laws and principles of Tennessee Real Estate including understanding background and terminology. Intended for those preparing for license examinations.

BA 242 APPRAISING THE SINGLE FAMILY RESIDENCE
Covers all phases of appraising single family residences. Intended for those preparing fo license examinations. Prerequisite BA 241 or consent of instructor.

BA 301 INTERMEDIATE ACCOUNTING I (3)
A continuation of BA 203. Topics covered include working papers, closing procedures financial statements, net income concepts, corrections of prior years' earnings, capita stock, surplus, dividends, and stockholder's equity. Prerequisite: BA 203.

BA 302 INTERMEDIATE ACCOUNTING II (3)
A continuation of BA 301. Topics include accounting principles, cash, accounts receivable inventories, investments, tangible fixed assets, intangible fixed assets, liabilities, an reserves. Prerequisites: BA 301.

BA 303 INTERMEDIATE ACCOUNTING III (3)
A continuation of BA 302. Topics covered include the analysis of working capital, analysis c operations, statement of application of funds, cash flow statement from incomplete record quasi-reorganizations, business combinations, income tax allocation, and price-level im pact on financial statements. Prerequisites: BA 302.

BA 313 OFFICE EQUIPMENT AND PROCEDURES (3)
Instruction and practice in the operation of electronic calculators, adding machine bookkeeping machines, dictating and transcribing machines, duplicating (spirit, stenci and offset), and the selection of equipment. A knowledge of filing systems is develope Offered on demand.

BA 315 BUSINESS WRITING (4)
This course is designed to present the principles and practices essential for effectiv business writing. The various forms and types of business communication are presente through directed study and the writing of effective business letters and reports.

BA 321 PRINCIPLES OF MANAGEMENT (3)
This course is based on the four major managerial functions; planning, organizin motivating, and controlling which are applied to the process of management and th organic functions of a business enterprise. The study is approached from the practic aspects of starting and running a small business enterprise.

BA 322 OPERATIONS MANAGEMENT (3)
A study of manufacturing problems including plant location, production planning, cc control and inventory management. Prerequisite: BA 321.

BA 351 MARKETING: AN INTRODUCTION (3)
Consideration of the concept of a marketing system, a primary performance function of t business enterprise. The process and planning of the marketing organization; leadersh decision-making, communication within the marketing organizaion.

BA 352 RETAIL MANAGEMENT (3)
Presented are the principles and practices for the efficient management of the modern retail business. Attention is focused on the basic management factors essential to sound planning, profitable operations, and effective control of retailing procedures, systems, and techniques. Small, medium, and large-scale retail operations are discussed with emphasis on the most recent developments in the retail field.

BA 401 COST ACCOUNTING I (3)
This course is concerned with cost accounting concepts and objectives; cost information systems and cost accumulation procedures; planning and control of factory overhead, materials and labor. Prerequisite: BA 203.

BA 402 COST ACCOUNTING II (3)
A continuation of BA 401. This course is concerned with the planning of profits, costs, and sales; in controlling costs and profits; and in cost and profit analysis. Prerequisite: BA 401.

BA 403 AUDITING (3)
Study includes audit working papers, auditing original records, cash securities, receivables, inventories, fixed assets, deferred items, current liabilities, fixed liabilities, proprietorship, and the income statement audits. The audit report, detailed audit, credit investigation, and internal auditing are also included. Prerequisite: Eighteen hours of Accounting.

BA 404 TAX ACCOUNTING I (3)
Provisions of the Federal Revenue Act as pertains to the taxing of the individual and business income is presented. Practice is given in the preparation of tax return. Prerequisite: BA 203.

BA 405 TAX ACCOUNTING II (3)
A continuation of BA 404 with emphasis on tax problems involving inventories, capital stock, estates, trusts, social security taxes, partnerships, and corporations. Prerequisite: BA 404.

BA 407 CPA REVIEW (3)
Presentation and discussion of current professional accounting problems taken from examination administered for the Certified Public Accountant Certificate. Admission by approval of the instructor.

BA 408 ACCOUNTING SYSTEMS (3)
A practical study of the developing, organizing, and using accounting data for the purpose of installing or improving accounting systems for the various types of business enterprises. Prerequisite: Eighteen hours of Accounting.

BA 410 BUSINESS POLICY SEMINAR (3)
A capstone course required of all Management majors. Management problem-solving, problem analysis, and decision-making procedures will be presented largely through the case method. Prerequisite: Senior standing.

BA 412 ADVERTISING MANAGEMENT (3)
Both the creative and managerial aspects are presented with major attention devoted to retail advertising. The use of advertising to stimulate primary and selective demands, the building of advertising programs, and the advertising agency are included in the study.

BA 353 SALES MANAGEMENT (3)
An examination of marketing strategies, marketing policies, production planning, pricing, promotion, and customer services from a sales manager's point of view.

BA 421 PERSONNEL MANAGEMENT (3)
How to administer a personnel program in a business organization so as to deal effectively with such problems as selection, training, compensation, promotion, and transfer of workers; working conditions; employee services; and industrial relations.

BA 422 OFFICE MANAGEMENT (3)
An intensive study of the fundamental principles and successful practices used in getting office work accomplished. Topics include the role of administrative office management; organizing and planning for office operation; controlling office costs; leadership and human relations in the office; and business information systems.

CHEMISTRY

C 101, 102, 103 GENERAL CHEMISTRY (4, 4, 4)
A general survey of the properties of substances and the changes which they undergo. The third term laboratory will consist of an introduction to qualitative analysis. Three hours of lecture and three hours of laboratory per week. This course is a prerequisite for all other chemistry courses.

C 201, 202, 203 ORGANIC CHEMISTRY I, II, & III (4, 4, 4)
A study of the compounds of carbon. Properties and reaction of organic compounds are considered in the light of modern structural theory. The laboratory consists of preparation and study of the reaction of typical carbon compounds; some modern instrumental methods for determination of structure and properties will be used. Three hours of lecture and four hours of laboratory per week. Prerequisites: C 101, 102, 103.

C 331, 332 INTRODUCTORY QUANTITATIVE ANALYSIS I & II (4, 4)
Devoted to principles and application of classical methods of separation and determination of substances. The most commonly used instrumental methods will be studied. Two hours of lecture and six hours of laboratory per week. Prerequisites: C 101, 102, 103.

C 333 INSTRUMENTAL ANALYSIS (4)
An extension of C 331-2 consisting of an indepth study of chemical instrumentation. Consideration is given to instrument design and theory, as well as to their applications to chemical problems. Three hours of lecture and three hours of laboratory per week.

C 431, 432, 433 PHYSICAL CHEMISTRY I, II & III (4, 4, 4)
A study of the theoretical aspect of chemistry. Emphasis will be on the study of chemical thermodynamics, chemical kinetics, and molecular structure. Three hours of lecture and three hours of laboratory per week. Prerequisites: C 201, 202, 203, P 211, 212, 213 and M 281, 282, 283.

COMMUNICATIONS

CM 101 THEORY OF COMMUNICATIONS (3)
A study of the theoretical aspects of the communications process as applied to intrapersonal, interpersonal, group and mass communications. The roles of regulators and

gatekeepers are examined in addition to the functions of filters and feedback in applicable communications categories.

CM 201 INTRODUCTION TO BROADCASTING (3)
This course examines the history of broadcasting, including the influence of radio programming and technology upon the television industry. Special topics include radio and TV journalism, government regulation, radio and TV advertising, broadcasting and the First Amendment, and management structure in local broadcast stations and in network operation.

CM 250 JOURNALISTIC WRITING (3)
This course is designed to provide the knowledge and special techniques involved in the gathering and writing of news stories for radio, television, and the print media. A full range of journalistic writing is covered, including the writing of radio and television news stories and documentaries, newspaper stories, and newspaper and magazine articles. Prerequisite: E 101.

CM 260 WRITING FOR BROADCASTING (3)
This course includes the analysis and writing of radio and television commercials and public service announcements, the analysis and writing of interpretive news reports and editorials, and the analysis and writing of radio and television newscasts. A special section of the course is concerned with the analysis and writing of radio and television documentaries. Students will prepare a variety of writing assignments. Prerequisites: E 101, CM 201, CM 250.

CM 270 BROADCAST PERFORMANCE (3)
This course offers the student in Communications on-camera experience in the writing, performing, and criticism of radio and television announcing and narration. Stress is placed upon performance in radio and television commercials and news reporting. The course is designed to provide the student with the practical experience in performance which is often a criterion at the outset of the broadcast career.

CM 280 BROADCAST COPY WRITING (3)
The course stresses the techniques of writing creative commercial messages for radio and television commercials. The student is guided to the writing of his own commercial copy.

CM 301, 302, 303 PRACTICUM (1, 1, 1)

CM 305 PHOTO JOURNALISM (3)
This course is designed to offer the student theoretical and practical instruction in the use of the camera in the field of journalism. The student receives field experience utilizing the camera as a tool in reporting news events, plus darkroom instruction in processing and printing.

CM 320 BROADCAST ADVERTISING (3)
This is a study of not only the structure of radio and television commercials but also of the techniques of creating and selling of local and network programs and spot commercial campaigns. The course includes analyses of audience measurements (ratings), audience demographic targets, cost-per-thousand audience estimates, program formats, and the planning of media marketing campaigns.

CM 350 TV CRITICISM (3)
A critical examination of the influence of television programming on the cultural, economic

and political beliefs and practices in American life through the process of persuasion, role-modeling and consensus building. Topics of the study include the impact of TV violence, the role of TV in the political process, and psychological manipulation in TV's persuasive messages.

CM 360 RADIO AND TELEVISION PRODUCTION (3)
At the conclusion of this course, the student should have a working knowledge of the production techniques necessary for creating radio and television commercials, news programs, and dramas.

CM 401, 402, 403 PRACTICUM (1, 1, 1)

CM 430 INTERPRETIVE AND EDITORIAL WRITING (3)
This course emphasizes the reporting of political, social, and economic events at the local national, and international levels. It stresses the techniques of reporting complex events in language which can be understood by the average news consumer. The editorial section of the course stresses the techniques of writing and presenting an institutional point of view. Prerequisites: CM 250, E 390.

CM 450 COMMUNICATIONS LAW I (3)
A study of governmental regulation of broadcasting with emphasis on the function of the Federal Communications Commission and the Federal Trade Commission. Special emphasis is given to the Fairness Doctrine and those regulations affecting political advertising.

CM 451 COMMUNICATIONS LAW II (3)
This course examines laws, regulations and judicial precedents affecting the broad field of print and electronic communications. Included are First Amendment protections, defamation, obscenity, copyright, contempt of court, and antitrust laws.

CM 460, 461 INTERNSHIP (3, 3)
At the conclusion of this course the student will have gained practical knowledge and experience through work in a professional environment (i.e., newspaper plant, radio station, television station). This course is limited to junior and senior Communications majors who have completed all required 200-level courses in Communications.

COMPUTER SCIENCE

CS 211 INTRODUCTION TO ELECTRONIC DATA PROCESSING (3)
A presentation of the broad concepts of data processing and computer problems. Emphasis on theory and application rather than mechanics of the various systems. Prerequisite to all Computer Science courses.

CS 221 BASIC PROGRAMMING I (3)
The design, coding and testing of computer programs written in the BASIC computer programming language. 2 hrs. lecture, 2 hrs. lab. Prerequisite: CS 211.

CS 222 RPG II PROGRAMMING I (3)
A study of Report Program Generator II language, a high-level, "problem oriented" language where codes are used generate instructions for processing data. 2 hrs. lecture, 2 hrs. lab. Prerequisites: BS 211.

'S 223 COBOL PROGRAMMING I (3)
. study of Common Business Oriented language and its use in business in the processing of eports, statistics, and other managerial information. Students are required to write flow harts, code, compile, and execute and document programs. 2 hrs. lecture, 2 hrs. lab. 'rerequisite: CS 211.

'S 321 BASIC PROGRAMMING II (3)
. continuation of CS 221. Advanced concepts of the BASIC language, including simulation, orting methods, string and file enhancement, and an introduction to graphics. 2 hrs. lecure, 2 hrs. lab. Prerequisite: CS 211.

'S 322 RPG II PROGRAMMING II (3)
. continuation of CS 322. Emphasis is on disk storage media. Topics include table and array ook-ups, matching records, read-demand files, indexed sequential access methods. 2 hrs. ecture, 2 hrs. lab. Prerequisite CS 222.

'S 323 COBOL PROGRAMMING II (3)
ontinuation of CS 322. Topics include sequential and indexed sequential file processing and pdating, data editing, and multiple files. 2 hrs. lecture, 2 hrs. lab. Prerequisite: CS 223.

'S 331 COMPUTER GRAPHICS (3)
omputer graphics systems; system software and data structure for graphic devices and isplay processors. Prerequisite: 321.

'S 421 DATA PROCESSING SYSTEMS ANALYSIS (3)
. study of basic systems analysis including systems design, file description, flowcharting nd documentation, and procedure analysis. Prerequisite: BA 402 and 12 hrs. in CS

'S 422 DATA BASE STRUCTURE AND DESIGN (3)
escription of data bases and structures; concepts of record files; sorting, searching and ierging of information files; referencing and cross-referencing of files; data base design, dministration and security. Prerequisite: CS 421

'S 423 ADVANCED PROGRAMMING (3)
. study of the system utilities, system generation, introduction to data communication, ord processing, and distributed data processing and; completion of a major team project. 'rerequisite: Senior standing and permission of the Instructor.

'S 431 ASSEMBLY LANGUAGE PROGRAMMING (3)
omputer structures; symbolic coding and assembly systems; program segmentation and nkage. Prerequisites: Senior standing and permission of the Instructor.

DEVELOPMENTAL STUDIES

'S 090-R READING SKILLS (3)
eading Skills is designed to improve the student's reading rate, comprehension, and ocabulary. Through its individualized and self-paced approach, this course provides an pportunity for students to develope reading skills necessary for college assignments.

'S 090-M ESSENTIAL MATHEMATICS (3)
ssential Mathematics covers basic arithmetic, algebra, and geometry necessary for the udy of mathematics at the college level. It is designed for students with a minimum

knowledge of mathematics, or for those needing a review of basic mathematics prior to college enrollment. Does not satisfy math requirement.

DS 090-W WRITING SKILLS (3)
Writing Skills focuses on the fundamentals of writing (grammar, mechanics, diction, sentence construction, paragraphing) in connection with frequent short paper assignments. The course prepares students for the required Freshman Composition sequence.

DS 090-S SPELLING SKILLS (1)
A practical review of phonics and spelling rules designed to improve spelling.

DS 090-V VOCABULARY SKILLS (1)
Vocabulary skills is intended to expand the student's vocabulary through study of Latin and Greek roots, action words, descriptive words, and commonly used academic terms. Includes practice in using dictionaries and reference books.

ECONOMICS

EC 201 BASIC ECONOMICS (3)
Introduction to general economic concepts including elementary graphic presentation and analysis. Selected past and present economic issues and policies.

EC 202 INTRODUCTORY MICROECONOMICS (3)
Determination of individual prices by supply and demand. Theories dealing with economic behavior of enterprises and individual economic sectors under differing market conditions. Introduction to international economics. Prerequisite: EC 201.

EC 203 INTRODUCTORY MACROECONOMICS (3)
Analysis and nature of national economies. National income determination and theory of employment. Functioning and effects of the credit system and economic policy toward stability and growth. Prerequisite: EC 201.

EC 301 INTERMEDIATE MICROECONOMICS (3)
The theory of price determination and the function of prices with respect to resource allocation and income distribution. Prerequisite: EC 201, 202.

EC 302 INTERMEDIATE MACROECONOMICS (3)
Measurement and analysis of national income; theory of income determination; fluctuation and growth of economic activity; problems of fiscal and monetary policy. Prerequisite: EC 201, 203.

EC 361 MONEY AND BANKING (3)
A study of the monetary and banking systems of the United States and of monetary theory and fiscal policy. Prerequisite: EC 261, 262, 263.

EC 364 LABOR MANAGEMENT RELATIONS (3)
A study of wage theories, employment and economic stability, collective bargaining, union activities, and federal legislation concerning labor management relations.

EC 430 MANAGERIAL FINANCE (3)
A study of the principles and practices of financing business enterprise with special reference to the modern corporation. Attention is given to methods of acquiring permanent capital, administration of earnings, expansion, reorganization, the problem of publi

control, the impact of taxation on corporate financing, and corporate responsibilities affecting the public interest. Prerequisite: BA 203.

EDUCATION

ED 100 SEMINAR: PROFESSIONAL ORIENTATION TO ELEMENTARY SCHOOL TEACHING (3)
Required of all students seeking Elementary Education Major. Designed to provide early entry level experience into the work of the public school elementary teacher as well as the totality of the elementary school. Students will spend at least three hours per week in public elementary schools and one hour per week in a seminar designed to integrate a limited theoretical approach with practical application.

ED 101 FOUNDATIONS OF EDUCATION (3)
A study of the influence of historical, philosophical, and sociological factors on the development of American education. Emphasis will be given to an analysis of contemporary educational theory and practice and the role of the school in American society. The professional aspects of teaching will be explored and interpreted through observations and participations in the public school.

ED 102 SEMINAR: PROFESSIONAL ORIENTATION TO SECONDARY SCHOOL TEACHING (3)
Required of all students seeking secondary education certification. Designed to provide early entry level experience into the work of the public school secondary teacher as well as the totality of the secondary school. Students will spend at least three hours per week in public secondary schools and one hour per week in a seminar designed to integrate a limited theoretical approach with practical application.

ED 201 EDUCATIONAL PSYCHOLOGY I (3)
Human behavior in educational situations presented through various approaches to teaching. Empirical evidences of the development of learning and motivation; acquisition and forgetting, transfer of training, and the control of incentive situations.

ED 202 EDUCATIONAL PSYCHOLOGY II (3)
Theory and research in educational psychology, and its implications for educational practice.

ED 301 MENTAL RETARDATION (3)
Etiology, diagnosis and management of mentally retarded children. Current trends in prevention, programming, and teacher preparation.

ED 302 METHODS OF TEACHING THE MENTALLY RETARDED (3)
Teaching the mentally ratarded child, emphasizing specific methods, materials of instruction, and curriculum development.

ED 320 INTRODUCTION TO EXCEPTIONALITY (3)
Includes the study of the gifted, mentally retarded, sight, hearing, speech, emotionally disturbed, disadvantaged, specific learning disabilities, and others.

ED 322 CONCENTRATED CHILD STUDY (3)
Introduction to the various ways of studying, interpreting, and reporting child behavior through theoretical and operational approaches. To be taken concurrently with Directed Teaching.

ED 323 MEASUREMENT AND EVALUATION (3)
An in-depth study of the major aspects of educational measurement leading toward the tota evaluation process. The course also provides intensive study of various marking systen approaches.

ED 330 PRINCIPLES OF GUIDANCE (3)
A study of the basic principles of guidance and guidance services as these apply to student in public schools, with an emphasis on behavior modification systems.

ED 340 EDUCATIONAL SOCIOLOGY (3)
Designed to develop an understanding of the inter-relationship of school, community an the larger society. Attention will be given to the school as a social institution operating in free society and to the impact of the social enviornment on the education of a child.

ED 350 CURRICULUM DEVELOPMENT IN THE ELEMENTARY SCHOOL (3)
A study of the various curricular programs within the total framework of the emergin elementary school: Principles, practices, problems, interrelationships, and synthesis.

ED 360 CURRICULUM DEVELOPMENT IN THE SECONDARY SCHOOL (3)
Principles, purposes, organization and curricula of secondary schools, emphasizing curren curricula materials, trends and issues.

ED 401 THE GIFTED CHILD (3)
The characteristics, psychological, and educational needs of gifted children together with study of common school practices and ways of satisfying these special needs.

ED 403 EDUCATION FOR THE CULTURALLY DIFFERENT CHILD (3)
The characteristics, psychological, and educational needs of culturally different childre together with a study of ways and means of meeting these needs in light available resour ces.

ED 405 THE LEARNING DISABLED CHILD (3)
Definitions, incidence, causes and diagnosis of specific learning disabilities.

ED 406 METHODS OF TEACHING THE LEARNING DISABLED CHILD (3)
Methods and materials for use in the remediation of specific learning disabilities.

ED 415 THE EMOTIONALLY DISTURBED CHILD (3)
A study of the incidence, diagnosis, and management of the emotionally disturbed o behaviorally disordered child.

ED 416 METHODS OF TEACHING THE EMOTIONALLY DISTURBED CHILD (3)
Teaching the emotionally disturbed child; emphasis on curriculum approaches management systems, and specific methods.

ED 417 INDIVIDUAL ASSESSMENT IN SPECIAL EDUCATION (3)
A study of the instruments, procedures and problems in assessment of exceptional childrer Topics include: screening, referral, diagnosis, testing procedures, standardized and in formal assessments instruments and techniques.

ED 426 TEACHING THE LANGUAGE ARTS IN THE ELEMENTARY SCHOOL (3)
Methods and materials of teaching the communication skills in the elementary schoo Emplasis will be on speaking, writing, and listening.

ED 427 TEACHING READING IN THE ELEMENTARY SCHOOL (3)
Principles of reading instruction, the nature of the reading process, current methods of reading instruction, appraising of instruction in reading, adjusting to individual needs in reading and individualized approaches to the teaching of reading.

ED 428 TEACHING SCIENCE IN THE ELEMENTARY SCHOOL (3)
Specialized preparation for teaching science in the elementary school through study of discovery and inquiry methods.

ED 429 TEACHING SOCIAL STUDIES IN THE ELEMENTARY SCHOOL (3)
Specialized preparation for using the methods of inquiry and discovery in the social studies area of the curriculum. Special emphasis will be given in the area of individualizing instruction.

ED 430 DIAGNOSING READING PROBLEMS (3)
Diagnostic procedures in determining causes of reading difficulties. Includes case study techniques. Prerequisites: Ed 201, 202, 323, 426, 427.

ED 431 DEVELOPMENTAL READING WORKSHOP (3)
Designed to help student become up-dated on the procedures used, new approaches to, and recent research in, the teaching of reading.

ED 432 PRINCIPLES OF MULTI-MEDIA EDUCATION (3)
Instruction and laboratory experience in operation of multisensory aids and equipment. Theory relative to the best practices in audio-visual techniques and emphasis on the importance of instructional technology in the enhancement of learning.

ED 433 METHODS OF TEACHING IN KINDERGARTEN (3)
Methods and materials available for the translation of knowledge and theory into educational practice on the Kindergarten level.

ED 441, 442 DIRECTED TEACHING IN THE ELEMENTARY SCHOOL (6, 6)
Designed to acquaint the prospective teacher with the skills and techniques involved in guiding children in the learning process and to gain practical experience through actual teaching. Prerequisites: ED 101, 201, 323, 330, 426, 427.

ED 445 DIRECTED TEACHING IN SPECIAL EDUCATION (6)
Prerequisites: ED 430, 431.

ED 450 DIRECTED TEACHING IN KINDERGARTEN (6)
Designed to provide trainees actual experience in professional practice in Kindergarten teaching. The testing and reconstruction of theory and the development of a teaching style. Prerequisite: ED 433 or permission of the instructor.

ED 453 METHODS FOR TEACHING ARITHMETIC (3)
Methods and materials for teaching arithmetic in the elementary school. Prerequisite: M 117, M 118 or permission of the instructor.

ED 454 METHODS OF TEACHING IN GRADES 7-12 (3)
General and specified methods are taught along with an analysis of teaching procedures through personal observation.

ED 455 DIRECTED TEACHING IN GRADES 7-12 (6, 6)
Designed to enable the prospective teacher to become familiar with the skills and

techniques involved in teaching the subject matter, to study a total school program, to work with teachers in the school, and to teach in the area or areas of major interest. Prerequisites: ED 101, 201, 202, 323, 330, 454.

ENGLISH

E 101 FRESHMAN COMPOSITION I (3)
Upon successful completion of this course, the student should be able to write clear, effective prose in standard English. Emphasis will be on structuring paragraphs and essays, diction, usuage, and writing style. Class discussion of appropriate reading selections may be used to stimulate composition. This course is a prerequisite for all additional English courses.

E 102 FRESHMAN COMPOSITION II (3)
Upon successful completion of this course, the student should be able to use the knowledge and skill of writing learned in E 101 to write clearly and effectively about specific topics. Class discussion and composition will be stimulated through the reading of drama and short stories. Prerequisite: E 101.

E 103 FRESHMAN COMPOSITION III (3)
Upon successful completion of this course, the student should be able to use the writing skills learned in E 101 and E 102 in the preparation of a longer research paper. There will be appropriate experience with research techniques and skills. Class discussion and composition will be stimulated through the reading of poetry and the novel. Prerequisite: E 101.

E 201 MASTERPIECES OF WORLD LITERATURE I (3)
Upon successful completion of this course, the student should have some knowledge of the history, genres, themes, and techniques of selected writings of the Ancient and Medieval periods in the western world. Prerequisite: E 101.

E 202 MASTERPIECES OF WORLD LITERATURE II (3)
Upon successful completion of this course, the student should have some knowledge of the history, genres, themes, and techniques of selected writings of the Renaissance through the eighteenth century in the western world. Prerequisite: E 101.

E 203 MASTERPIECES OF WORLD LITERATURE III (3)
Upon successful completion of this course, the student should have knowledge of the history, genres, themes, and techniques of selected writings of the nineteenth and twentieth centuries in the western world. Prerequisite: E 101.

E 211 BASIC REFERENCE MATERIALS (Library Science) (3)
Upon successful completion of this course, the student should have knowledge of and should have developed skill in the use of basic information sources. There will be practice in fact finding and emphasis on methods of teaching the use of these materials. Prerequisite: E 101.

E 220 FILM APPRECIATION (3)
Upon successful completion of this course, the student should have knowledge of cultural, historical, and technical approaches to the study of film as art. No prerequisite. laboratory. Does not fulfill ACR.

E 230 MODERN DRAMA (3)
Upon successful completion of this course, the student should have some knowledge of th

development of drama from Ibsen to the present. Subject matter includes American, British, and Continental plays. Prerequisite: E 101.

E 270r CREATIVE WRITING (3)
Upon successful completion of this course, the student will have had the opportunity to write poetry, and/or short fiction aided by individual instruction. On occasion, this course will have a special emphasis on a specific type of creative writing. To take the course permission of the instructor is suggested. Prerequisite: E 101.

E 311 LIBRARY RESEARCH AND BIBLIOGRAPHICAL METHODS (3)
Upon successful completion of this course, the student should have some knowledge of research and bibliographical methods leading to skill in the use of such materials for research. Each student will prepare a research paper in his special area of interest. Prerequisite: E 101.

E 312 BOOKS AND RELATED MATERIALS FOR CHILDREN (3)
Upon successful completion of this course, the student should have some knowledge of and appreciation for literature for children and should have an acquaintance with standard aids in selection of books, magazines, recordings, films, and other related materials. There will be a consideration of methods and devices for encouraging reading. Prerequisite: E 101.

E 313 BOOKS AND RELATED MATERIALS FOR YOUNG PEOPLE (3)
Upon successful completion of this course, the student should have some knowledge of appreciation for literature suitable for the junior and senior high school levels, should have an acquaintance with standard aids in selection, and should have developed judgement in the evaluation of books and related materials. There will be some attention given to the varying reading level of this age group. Prerequisite: E 101.

E 321 HISTORY OF THE ENGLISH LANGUAGE AND GRAMMAR REVIEW (3)
Upon successful completion of this course, the student should have some knowledge of how the structures, forms, sounds and etymology of the English language developed. Prerequisite: E 101.

E 322 GRAMMAR AND LINGUISTICS FOR TEACHERS (3)
Upon successful completion of this course, the student should have some knowledge of several types of grammatical systems and linguistic theories including standard English grammar and generative—transformation grammar. Prerequisite: E 101.

E 330 BRITISH LITERATURE, EARLY AND MEDIEVAL PERIODS (3)
Upon successful completion of this course, the student, through analytical and critical study, should have knowledge of and appreciation for several of the writings of British literature before 1500. Included is a study of Beowulf and The Canterbury Tales. Prerequisite E 101.

E 331 BRITISH LITERATURE: THE RENAISSANCE (3)
Upon successful completion of this course, the student, through analytical and critical study, should have knowledge of and appreciation for several of the writings of the British Renaissance. Included is a study of some of the works of Shakespeare. Prerequisite: E 101.

E 332 BRITISH LITERATURE: THE RESTORATION AND EIGHTEENTH CENTURY (3)
Upon successful completion of this course, the student through analytical and critical study should have the knowledge of and appreciation for several of the writings of the Restoration

and the eighteenth century. Included are the works of Dryden, Pope, and Johnson Prerequisite: E 101.

E 333 BRITISH LITERATURE: THE ROMANTIC PERIOD (3)
Upon successful completion of this course, the student through analytical and critical study should have knowledge of and appreciation for several of the writings of the Romantic Period. Included are the works of Wordsworth, Coleridge, Byron, Shelley, and Keats Prerequisite: E 101.

E 334 BRITISH LITERATURE: THE VICTORIAN PERIOD (3)
Upon successful completion of this course, the student, through analytical and critical study, should have knowledge of and appreciation for several of the writings of the Victorian Age. Included are the works of Tennyson, Browning, and Arnold. Prerequisite: E 101.

E 335 BRITISH LITERATURE: THE TWENTIETH CENTURY (3)
Upon successful completion of this course, the student, through analytical and critical study, should have knowledge of and appreciation for several of the writings of the Twentieth Century. Prerequisite: E 101.

E 340 AMERICAN LITERATURE: THE COLONIAL AND FEDERAL PERIODS (3)
Upon successful completion of this course, the student, through analytical and critical study, should have knowledge of and appreciation for several of the writings of the early periods of American literature. Prerequisite: E 101.

E 341 AMERICAN LITERATURE: THE NINETEENTH CENTURY (3)
Upon successful completion of this course, the student, through analytical and critical study, should have knowledge of and appreciation for several of the writings of the Nineteenth Century. Included are the works of Emerson, Thoreau, Hawthorne, Melville, Whitman, Twain, James, and Howells. Prerequisite: E 101.

E 342 AMERICAN LITERATURE: THE TWENTIETH CENTURY (3)
Upon successful completion of this course, the student, through analytical and critical study, should have knowledge of and appreciation for several of the writings of the Twentieth Century. Prerequisite: E 101.

E 351 SHAKESPEARE I (3)
Upon successful completion of this course, the student should have knowledge of several of the early Shakespearean plays through Hamlet with emphasis on the chronicles and comedies. Prerequisite: E 101.

E 352 SHAKESPEARE II (3)
Upon successful completion of this course, the student should have knowledge of the late plays of Shakespeare with emphasis on the tragedies and romances. Prerequisite: E 101.

E 360 MODERN POETRY (3)
Upon successful completion of this course, the student should have some knowledge of the development of poetry in the Twentieth Century. Prerequisite: E 101.

E 390 ADVANCED COMPOSITION (3)
Upon successful completion of this course, the student should have knowledge of the organization, development, and research techniques necessary for the writing of long papers and research papers. Prerequisite: E 101.

E 410 THE BRITISH NOVEL I (3)
Upon successful completion of this course, the student should have knowledge of and appreciation for the early British novels through the study of representative works of such authors as Fielding, Austen, Scott, Dickens, Thackeray, and others. Prerequisite: E 101.

E 411 THE BRITISH NOVEL II (3)
Upon successful completion of this course, the student should have knowledge of and appreciation for the later British novel through the study of the representative works of such authors as Eliot, Trollope, Hardy, Conrad, Joyce, and Woolf. Prerequisite: E 101.

E 425 THE AMERICAN NOVEL (3)
Upon successful completion of this course, the student should have knowledge of and appreciation for the American novel through the study of the representative works of such authors as Brown, Twain, James, Fitzgerald, Hemingway, Faulkner, and others. Prerequisite: E 101.

E 430 CHAUCER (3)
Upon successful completion of this course, the student, through a close critical study, should have knowledge of and appreciation for the Canterbury Tales as well as for Chaucer's language, setting, and literary contributions. Prerequisite: E 101.

E 440 MILTON (3)
Upon successful completion of this course, the student, through a close critical study, should have knowledge of and appreciation for Paradise Lost as well as other selected works. Prerequisite: E 101.

E 441 SURVEY OF AMERICAN LITERATURE FROM ITS BEGINNINGS TO 1850 (2)
At the conclusion of this course, the English major should have knowledge of the authors, titles, themes, genres, and major literary movements of the centuries covered. Prerequisite: E 101, but the course is designed to be taken in the junior or senior year. Primarily for English majors.

E 442 SURVEY OF AMERICAN LITERATURE FROM 1850 TO THE PRESENT (2)
At the conclusion of this course, the English major should have the knowledge of the authors, themes, genres, and major literary movements of the centuries covered. Prerequisite: E 101, but the course is designed to be taken in the junior or senior year. Primarily for English majors.

E 450 SURVEY OF BRITISH LITERATURE FROM ITS BEGINNINGS TO THE EIGHTEENTH CENTURY (2)
At the conclusion of this course, the Enlgish major should have knowledge of the authors, titles, themes, genres, and major literary movements of the centuries covered. Prerequisite: E 101, but the course is designed to be taken in the junior or senior year. Primarily for English majors.

E 451 SURVEY OF BRITISH LITERATURE FROM THE EIGHTEENTH CENTURY TO THE PRESENT (2)
At the conclusion of this course, the English major should have knowledge of the authors, titles, themes, genres, and major literary movements of the centuries covered. Prerequisite: E 101, but the course is designed to be taken in the junior or senior year. Primarily for English majors.

E 480 SEMINAR FOR ENGLISH MAJORS (1)
At the conclusion of this course, the student should be aware of many of the practical

problems which the English major must face: how to find a job, how to apply to graduat school, how to apply theories to practice, etc. A comprehensive English exam shall be give as a part of this course. (The course is open to English and English Education majors Others may enroll by permission of the Chairman of the English Department.)

FOREIGN LANGUAGES

F 101*, 102*, 103* ELEMENTARY FRENCH (3, 3, 3)
Pronunciation, grammar, oral and written exercises, conversation, dictation, and eas reading material.

F 201*, 202*, 203* INTERMEDIATE FRENCH (3, 3, 3)
Systematic review of grammar with oral practice, some written composition, and wit further reading of modern prose. Prerequisites: F 101, 102, 103, or two years of high schoo French.

G 101*, 102*, 103* ELEMENTARY GERMAN (3, 3, 3)
A presentation of the fundamentals of grammar with oral and written practice and som simple reading 102 and 103.

G 201*, 202*, 203* INTERMEDIATE GERMAN (3, 3, 3)
Grammar review and reading of modern prose (stories, plays). Prerequisites: G 101, 10 103, or two years of high school German.

S 101*, 102*, 103* ELEMENTARY SPANISH (3, 3, 3)
Pronunciation, grammar, oral and written exercises, conversations, dictation, and eas reading material.

S 201*, 202*, 203* INTERMEDIATE SPANISH (3, 3, 3)
Systematic review of Spanish grammar with oral practice and some written compositio and with further reading of modern Spanish prose by both Spanish and Spanish-America writers. Prerequisites: S 101, 102, 103, or two years of high school Spanish.

GEOGRAPHY

GY 107, 108, 109 WORLD GEOGRAPHY I, II, & III (3, 3, 3)
Upon completion of this sequence, the student should understand the basic geographic factors, physical, economic, political and cultural of man's habitat; man's continual a justment to his environment through variety and change; and the influence of geographic factors on contemporary international relationships. The course will also stress the pra ticality and meaningfulness of geography in everyday life.

HEALTH EDUCATION

HE 161 COMMUNITY HYGIENE (3)
A study of health for the community, including public health work, disease control, a special group problems.

HE 162 PERSONAL HYGIENE (3)
A study of health and its achievement by the individual. A brief study of the anatomy a functions of the human body. Emphasis is placed on the prevention of common disease.

HE 263 NUTRITION (3)
Elementary principles of nutrition applied to everyday living. Dietaries to meet spec conditions studied and planned.

E 264 SAFETY EDUCATION AND FIRST AID (3)
ıstruction in safety and first aid methods and techniques. Red Cross first aid certification
obtainable.

HISTORY

100 CONTEMPORARY AFFAIRS (1)
his course is a study of the current news periodicals, national newspapers, radio and
levision news programs. It seeks to provide background information for an analysis and
n understanding of events both national and international in nature.

101, 102, 103 THE WESTERN HERITAGE, I, II, & III (3, 3, 3)
pon completion of this sequence the student should have an understanding of and an ap-
reciation for the major institutional forms, cultural patterns, and ideologies of Western
ɔciety. The student should also be able to demonstrate some familiarity with and un-
erstanding of key historical problems and conflicting interpretations. Fall quarter:
aleolitic Man to the Late Middle Ages; Winter quarter: Renaissance to the Napoleonic
ra; Spring quarter: Congress of Vienna to the present.

204, 205, 206 HISTORY OF THE UNITED STATES, I, II, & III (3, 3, 3)
pon completion of this sequence the student should demonstrate a knowledge of and an
ıderstanding of the origin of the nation as well as the political, economic, social and
ıltural development of the United States. Familiarity with an understanding of the major
ıd conflicting interpretations is also expected. Prerequisite to all courses in American
istory.

241, 242, 243 HISTORY OF MODERN EUROPE I, II, & III (3, 3, 3)
pon completion of this sequence, the student should demonstrate a knowledge of and an
ıderstanding of the major political, economic, and cultural themes of European history
om the Renaissance to the present.

341, 342, 343 HISTORY OF THE SOUTH I, II, & III (3, 3, 3)
study of the economic, cultural, social and political development of the American South
om the Jamestown settlement to the present. In the Fall quarter emphasis is placed on
ose factors that made the South a unique section of the nation; in the Winter quarter the
'igins of the Civil War, the Civil War, and Reconstruction are emphasized; and in the
ɔring quarter emphasis is placed on the readjustment of the South as a unique section
ithin the framework of the nation as a whole. Offered in alternate years.

345, 346, 347 SOCIAL AND CULTURAL HISTORY OF THE UNITED STATES I, II, III
, 3, 3)
survey of American life and thought emphasizing the origin and evolution of American
ɔcial ideas, practices, and institutions, with specific reference to immigration, social
form movements, religion, education, science, literature, and the arts. Particular at-
ntion will be given to the complex interaction between forces of social cohesion and social
nflict caused by rapid social change, resulting from urbanization and industrialization.
fered in alternate years.

351, 352, 353 HISTORY OF ENGLAND I, II, & III (3, 3, 3)
survey of the development of England, Great Britain and the Empire. Although con-
ntrating on the political and social developments of English history, the course will also
cus on the important constitutional and economic events which contributed to the rise of
odern Britain. Offered in alternate years.

H 451 THE LITERATURE OF HISTORY (3)
A course of readings and analysis of major examples of historical literature from antiquity to the modern world which seeks to explain how and why the past became a subject of critical investigation. Prerequisite: Permission of the instructor.

H 461r SEMINAR IN HISTORY (3)
An intensive study of selected topics including research in the materials of history and the writing of analytical reports. Prerequisite: Senior standing and permission of the instructor.

MATHEMATICS

M 113, 114, 115 COLLEGE MATHEMATICS I, II, & III (3, 3, 3)
Math 113 emphasizes the structure of mathematics including the nature of proof; concept of number and number patterns; arithmetic operations through rational numbers; other numerations systems and number bases; decimals and percent. The use of these ideas in everyday life is stressed. M 114 uses the mathematics of percent in simple and compound interest problems and their relation to personal and consumer finance as found in savings annuities, and installment credit. M 115 emphasizes "back to basics," and manipulative algebra including operations with polynomial and rational functions; algebraic and geometric solutions to linear and quadratic equations and inequalities; and word problems. BA 114 is equivalent to M 115. Not open to students who have completed M 141 and M 142, or M 281.

M 117, 118, 119 MODERN MATHEMATICS FOR ELEMENTARY TEACHERS I, II & III (3, 3, 3)
This course will meet All College requirements even though the material will be taught primarily for the elementary education major. As the course is taught the subject matter will be used to emphasize its use in teaching the elementary pupils. A practical approach to the subject matter will be used.

M 141, 142, 143 PRE-CALCULUS MATHEMATICS I, II, & III (4, 4, 4)
These courses are designed to prepare students for calculus and other higher mathematics that are required of students pursuing a mathematical or science curriculum, and may be selected by others as a substitute for the mathematical portion of the All College Requirement. These courses review and extend the properties of elementary functions as they pertain to algebra, trigonometry, and analytic geometry. Students who have successfully completed two years of high school mathematics should be able to satisfactorily complete these courses.

M 251, 252, 253 ELEMENTARY STATISTICS I, II, & III (3, 3, 3)
These courses offer an elementary knowledge of statistical methods useful in economics, business, psychology, sociology, other social sciences, and other disciplines that require statistical analysis. M 251 emphasizes description statistics and probability including the binomial and normal distributions; M 252 continues with sampling distributions and inferential statistics. M 253 continues with more inferential statistics including chi-square tests, analysis of variance, linear correlation and regression, and elements of non-parametic statistics. Prerequisite: M 115 (BA 114) or permission of the department chairman.

M 281, 282, 283 CALCULUS I, II, & III (5, 5, 5)
This course is designed for the well-prepared freshman or the sophomore with a background in some college mathematics. Mastery of the following topics is emphasized: functio

imit, continuity, derivatives, integral, vectors, and applications. Prerequisite: M 143 or permission of departmental chairman.

M 310, 311 PROBABILITY AND STATISTICS I, II (3, 3)
This course will be the study of variability, probability, joint distribution, continuous distributions, some statistical applications, theory of sampling, correlation, variance of sums and of averages, etc. Prerequisite: A course in calculus, or permission of departmental chairman. Offered in alternate years.

M 340, 341 INTERMEDIATE ANALYSIS I, II (3, 3)
This course is designed to continue the study of calculus and analysis. The topics covered will have more of a theoretical approach than some of the same topics discussed in more elementary mathematics. Proof is emphasized. Prerequisite: M 283. Offered in alternate years.

M 361, 362 INTRODUCTION TO GEOMETRY I, II (3, 3)
This course will emphasize proofs and understandings of Euclidean geometry and introduce projective geometry. Euclidean construction, affine geometry, congruences, similarity, and cross ratio. The theory and applications of Ceva's and Menelaus' Theorems will be developed. Prerequisite: M 283, or permission of departmental chairman. Offered in alternate years.

M 410, 411, 412, INTRODUCTION TO MODERN ALGEBRA I, II, III (3, 3, 3)
Some of the topics that will be studied are: number theory, proof, groups, equivalences, congruences, rings, matrices, linear systems, determinants, and fields. This course will help the student develop mathematical maturity. The course is recommended strongly for students who plan to attend graduate school or teach mathematics. Prerequisite: M 341,or permission of departmental chairman. Offered in alternate years.

M 421, 422 ORDINARY DIFFERENTIAL EQUATIONS I, II (3, 3)
A study of ordinary differential equations and their solutions. A number of methods used to solve such equations will be studied. Practical problems in physics, engineering, biology, economics, sociology, and chemistry are solved. This course will help the student integrate calculus, analytic geometry, algebra and trigonometry. Prerequisite: M 282. Offered in alternate years.

M 464r MATHEMATICS SEMINAR (3)
Required of all mathematics majors. Each student will be expected to do some investigations in mathematics on his own. The student will have an opportunity to study in detail some topics of interest. Open to juniors and seniors only unless permission is granted by the departmental chairman.

MUSIC

MU 100, 101, 102 CLASS PIANO I, II, III (1, 1, 1)
Class and private instruction for beginning students interested in functional and applied performance skills. Students will learn major and minor scales, cadence progressions, melodic transposition, improvising accompaniments, and performing beginning literature. Open to all students.

MU 107 INTRODUCTION TO MUSIC LISTENING (3)
For the student interested in developing skills in listening for greater understanding and enjoyment of music of all kinds, the central areas of study are: an analysis of the materials

from which music is formed; an inquiry into the nature of sensual experience; and a examination of the psychological, social and philosophical implications of the sound event of our contemporary culture.

MU 108 INTRODUCTION TO MUSIC FUNDAMENTALS (3)
A study of the rudiments of musical theory, harmony, texture, form, and style. For non music majors. Suggested for elementary education majors who have had little or n previous experience in music.

MU 116, 117, 118 CLASS VOICE I, II, III (1, 1, 1)
Basic technique in the development of functional and applied singing skills. Open to a students with the permission of the instructor.

MU 120 BEGINNING SCORE READING AND CONDUCTING (2)
Basic techniques of conducting, the use of the baton, and the principles of score reading.

MU 200, 201, 202 CLASS PIANO IV, V, & VI (1, 1, 1)
A second year continuation course series for MU 100, 101, 102. Class and private instructio for intermediate level students interested in functional and applied performance skills Students will learn to improvise accompaniments, play intermediate level literature, im prove and refine their technical skills, improve expressive interpretation and develop som facility in different styles of playing such as marches, popular tunes, and simple hymns.

MU 221 METHODS AND MATERIALS FOR TEACHING PERCUSSION INTRUMENT (1)
The study of the principles, procedures and materials for teaching the various percussio instruments. Lecture and lab.

MU 222, 223 METHODS AND MATERIALS FOR TEACHING BRASS INSTRUMENTS II (1, 1)
The study of the principles, procedures, and materials for teaching the various brass in struments. Lecture and lab.

MU 231, 232, 233 METHODS AND MATERIALS FOR TEACHING STRINGED IN STRUMENTS I, II, III (1, 1, 1)
The study of the principles, procedures, and materials for teaching the various stringe instruments. Lecture and lab.

MU 241, 242, 243 METHODS AND MATERIALS FOR TEACHING WOODWIND IN STRUMENTS I, II, III (1, 1, 1)
The study of the principles, procedures, and materials for teaching the various woodwin instruments. Lecture and lab.

MU 310 MUSIC IN THE CHURCH (3)
A study of the philosophy and objectives of the church music program. Topics will includ personnel involved in the program, the music budget, the music library, the rehears room, instrumental music and acoustics.

MU 314, 315, 316 HISTORY OF MUSIC I, II, III (3, 3, 3)
A survey of stylistic periods in music history from the primitive origins to the developmen of the twentieth century. Analysis of the formal elements of style, especially as they rela to the performance of music, will be a major emphasis. Special attention will be given to th aural comprehension of stylistic characteristics.

MU 320 MUSIC FOR ELEMENTARY TEACHERS I (3)
Foundations and principles of music and music teaching for the elementary school teacher.

MU 321 MUSIC FOR ELEMENTARY TEACHERS II (3)
Methods and materials for teaching musical concepts in the elementary classroom through singing, playing, creating, moving and listening experiences.

MU 325 ADVANCED CONDUCTING (3)
A study of the principles of interpretive techniques, styles, and analysis for performance of choral and instrumental music.

MU 329 METHODS AND MATERIALS FOR TEACHING MUSIC IN THE ELEMENTARY SCHOOL (3)
The study of music teaching methods and materials, and the role of the music teacher in developing music programs in the elementary school.

MU 332 METHODS AND MATERIALS FOR TEACHING GENERAL MUSIC IN THE SECONDARY SCHOOL (3)
The study of the principles, procedures, and materials for teaching general music and other non-performing music classes in the junior high and high school. Special emphasis is placed on the methods and materials for teaching the changing voice.

MU 333 CHORAL LITERATURE AND TECHNIQUES (3)
A study of the following issues related to the church, school, and community choral organization: repertory, balance, blend, diction, intonation, style, tone quality, rehearsal techniques and organization.

MU 450 DIRECTED TEACHING IN THE ELEMENTARY SCHOOL (6)
A course designed to enable the prospective music teacher to become familiar with the skills and techniques needed in guiding students in the learning process and to gain experience in the school as an agency of the community. Approval of the Department Chairperson is required for enrollment.

MU 460 DIRECTED TEACHING IN THE SECONDARY SCHOOL (6)
A course designed to enable the prospective music teacher to become familiar with the skills and techniques needed in guiding students in the learning process and to gain experience in the school as an agency in the community. Approval of the Department Chairperson is required for enrollment.

MUSICAL ORGANIZATIONS
MU 191, 192, 193, 291, 292, 293, 391, 392, 393, 491, 492, 493 COLLEGE CHOIR (1 each)
The College Choir is a select group of men and women admitted through audition. In addition to concerts performed at the college and in the community, the choir tours extensively, appearing in churches, schools, and on radio and television. Open to all students.

MU 161, 162, 163, 261, 262, 263,361, 362, 363, 461, 462, 463 COLLEGE BAND (1 each)
An organization open to all qualified students in the college on the approval of the director. Literature may include all styles of music including jazz and popular. Several public performances are given each year.

MU 181, 182, 183, 281, 282, 283, 381, 382, 383, 481, 482, 483 ENSEMBLE: CHORAL OR INSTRUMENTAL
Students wishing to receive credit for The Consolidation (a pop-style group), The Reflections (a sacred-style group), or piano ensemble should register for this course.

MU 103, 104, 105, 106, 203, 204, 205, 206, 303, 304, 305, 306, 403, 404, 405, 406 APPLIED MUSI
(1-3 credits per term)
Applied instruction in voice, piano, organ, guitar, and orchestral instruments with em
phasis on learning appropriate techniques and literature for the voice or instrument bein
studied. Open to all students on approval of the instructor.

MUSIC THEORY
Freshman Theory covers four areas: harmony, sight-singing, ear training and keyboar
skills.

MU 111 MATERIALS AND STRUCTURES OF MUSIC I (4)
The student learns to play, hear, sing, and write intervals, triads, simple rhythms, majo
and minor scales, and key signatures.

MU 112 MATERIALS AND STRUCTURES OF MUSIC II (4)
A continuation of MU 111 with emphasis on four voice harmony, chord progressions an
melodic transposition at the keyboard, sight-singing in greater depth, and ear training.

MU 113 MATERIALS AND STRUCTURES OF MUSIC III (4)
A continuation of MU 112 with emphasis on the use of complex harmonic structures
Sophomore Theory covers the areas of harmony, form and analysis, counterpoint, sigh
singing, ear training, and composition.

MU 211 MATERIALS AND STRUCTURES OF MUSIC IV (4)
A continuation of MU 113 with the introduction of elements of counterpoint, form an
analysis, and compositional techniques.

MU 212 MATERIALS AND STRUCTURES OF MUSIC V (4)
A continuation of MU 211 with greater emphasis on compositional techniques.

MU 213 MATERIALS AND STRUCTURES OF MUSIC VI (4)
A continuation of MU 212 with special attention to aspects of contemporary music and
summary of theoretical and practical study.

PHILOSOPHICAL STUDIES

PH 100 INTRODUCTION TO PHILOSOPHY (3)
An introduction to the main areas of philosophical thought with an attempt to understan
these elements basic in the making of human thought and culture.

PH 101 INTRODUCTION TO LOGIC (3)
An introduction to critical thinking as applied concretely to the everyday world of th
student in such areas as ordinary conversations and the mass media.

PH 200 INTRODUCTION TO ETHICS (3)
An introduction to the methods and language of ethics as applied specifically to majo
contemporary individual and social problems.

PH 209 CONTEMPORARY PHILOSOPHICAL ISSUES (3)
An examination of selected problems or movements of current interest, such as Existe
tialism, Phenomenology, Political Ethics, Philosophy of Religion.

'H 319r* ANCIENT AND MEDIEVAL PHILOSOPHY (3)
critical investigation of major philosophers from the beginnings of Greek philosophy to ıe close of the Middle Ages.

'H 321r* DIRECTED STUDIES IN RENAISSANCE THROUGH NINETEENTH CEN-URY PHILOSOPHY (3)
critical investigation of major philosophers from Francis Bacon to Nietzsche.

H 323r* DIRECTED STUDIES IN TWENTIETH CENTURY PHILOSOPHY (3)
critical investigation of major recent philosophers.

'HYSICAL EDUCATION AND RECREATION

-ENERAL PHYSICAL EDUCATION FOR MEN AND WOMEN
hree activities from the general physical education program are required of all students. tudents excused for medical reasons are required to take a course in health education. onditioning is required. Physical Education majors are required to have proficiency in six ctivities. Activities may be selected from the following:

E 100 General (to be assigned on an ad hoc basis)
E 101 Archery
E 102 Beginning Swimming
'E 103 Golf
E 104 Softball
E 105 Tennis
E 106 Badminton
E 107 Basketball
E 108 Bowling
E 109 Social Dance
E 110 Basic Rescue and Water Safety
E 111 Weight Lifting
E 112 Folk and Square Dance
E 113 Volleyball
E 114 Stunts and Tumbling
E 115 Wind Surfing and Sailing
E 116 Kayaking
E 117 Canoeing

E 200 INTRODUCTION TO PHYSICAL EDUCATION AND RECREATION (3)
ıtroduction and orientation to the history and philosophy of Physical Education.

E 257 ADVANCED LIFE SAVING (3)
ıstruction in swimming and personal safety skills, and in life saving techniques. Red Cross ertification. (May be substituted for one activity in the general physical education equirement.)

E 300 RECREATION AND PARK SERVICES (3)
evelopment, structure, purposes, values, functions and interrelationships of private, ıblic, voluntary and commercial systems for recreation and park services. Prerequisite: E 200. Alternate years beginning 1981-82.

E 301 PHYSICAL EDUCATION FOR ELEMENTARY TEACHERS (3)
'ethods, sources, subject matter, problems and materials necessary for elementary school ıysical education, including practice teaching of elementary age children.

PE 302 INDIVIDUAL AND DUAL SPORTS (3)
The history, rules, theory, and teaching methods of individual and dual sports.

PE 303 TEAM SPORTS (3)
The history, rules, theory, and teaching methods of team sports.

PE 305 FOLK AND SQUARE DANCING (3)
Fundamental and creative rhythms, singing games, square dancing, and folk dances of various nations, and social recreation leadership.

PE 306 STUNTS AND TUMBLING (3)
Instruction, practice, participation in stunts, tumbling, pyramidal activities, and gymnastics.

PE 307 COACHING PRINCIPLES AND TECHNIQUES (3)
A study of the fundamental principles of coaching football, basketball, baseball, and other sports.

PE 308 OFFICIATING AND COACHING GIRLS' AND WOMEN'S SPORTS (3)
A study of the coaching and officiating techniques of sports for girls and women — basketball, volleyball, soccer, softball, tennis, and badminton.

PE 311 BOATING SAFETY AND TECHNIQUE — SAILING/WINDSURFING (3)
An introduction to basic sailing and windsurfing safety and technique leading to Red Cross Small Craft Certification. Basic swimming or swim test is a prerequisite.

PE 312 BOATING SAFETY AND TECHNIQUE — CANOEING/KAYAKING (3)
An introduction to basic canoeing and kayaking safety and technique leading to Red Cross Small Craft Certification. Swimming ability a prerequisite.

PE 358 TEACHING SWIMMING AND LIFE SAVING (3)
A methods course for teaching of swimming and life saving to others and leading to Red Cross Water Safety Instructor certification. (May be substituted for one activity in the general physical education requirement.) Prerequisite: Current advanced life saving certification.

PE 365 ADAPTIVE PHYSICAL EDUCATION (3)
Basic concepts of organizing and conducting programs to meet the needs of those students unable to participate in regular physical education classes.

PE 375 CAMPING AND OUTDOOR RECREATION (3)
A study of a variety of approaches to working with and in the natural world. Leadership in camping skills, outdoor living, interpretive programs, nature crafts and games, and safety in the out-of-doors are stressed.

PE 411 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION (3)
Testing, measurement, and evaluation of the various facets in the physical education program in elementary and secondary schools. To be taught in even numbered years.

PE 421 PHYSIOLOGY OF EXERCISE (3)
A basic understanding of physiology and its application to muscular activity with instruction, methods, and practice teaching in calisthenics for the different grades.

E 431 ADMINISTRATION AND ORGANIZATION OF PHYSICAL EDUCATION (3)
n upper level course designed for students planning to teach physical education on the econdary school level. A study of the principles upon which the physical education rogram and intramural are based, methods of organization, and administrative problems.

E 451 CURRICULUM DEVELOPMENT IN PHYSICAL EDUCATION (3)
he development of the physical education curriculum in elementary, middle and secon-ary schools with special emphasis on planning, scheduling, and skill progression.

E 471, 472* RECREATION LEADERSHIP (3, 3)
n-depth practical field experience. Experiences selected in consultation with advisor with ocus on professional emphasis. Programs available with Y.M.C.A., municipal recreation, ewspapers, radio, nursing homes, business. Prerequisites: PE 200, PE 300, SO 231, SO 261, S 201-2-3, senior standing.

PHYSICS

'131-2 PHYSICS FOR NON-TECHNICAL STUDENTS I,II (4, 4)
. survey course embracing the field of physics. Particular emphasis is placed upon ethods of obtaining scientific knowledge and upon understanding the physical world in hich we live. These two courses plus either P 133 or P 135 may be used to fulfill the equirement in science. Three hours of lecture and two hours of laboratory per week.

'133 INTRODUCTION TO ASTRONOMY (4)
. study of the properties and development of the astronomical universe, including the solar ystem, stars and galaxies. Three hours of lecture and two hours of laboratory per week.

'135 INTRODUCTION TO GEOLOGY (4)
. study of the earth and its history and of the agents that have been and are changing it. hree hours of lecture and two hours of laboratory per week.

'211-2-3 GENERAL PHYSICS I,II,III (4, 4, 4)
n introduction to the field of physics. The course encompasses the areas of mechanics, eat, sound, light, electricity, and atomic structure. This is the physics course normally aken by science majors and pre-professional students. Three hours lecture and two hours ab per week.

POLITICAL SCIENCE

'S 121 INTRODUCTION TO POLITICS (3)
pon completion of this survey course, the student should have a knowledge of the origin, evelopment, structure, and function of political systems and governments, particularly, merican theory and practice. An understanding of the roles and functions of public pinion, interest groups, and propaganda in the political process is expected.

'S 161 INTRODUCTION TO LAW ENFORCEMENT AND CRIMINAL JUSTICE (3)
course designed to give the student an objective perspective on the role of law en-rcement in a democratic society. Emphasis is placed on philosophical background to riminal justice, history of criminal justice, agencies of criminal justice, processes of riminal justice, and an evaluation of criminal justice today. Does not count for ACR.

'S 201, 202, 203 AMERICAN GOVERNMENT AND POLITICS I,II,III (3, 3, 3)
pon completion of this sequence, the student should demonstrate an understanding of the ational, state, and local government of the United States, the development of the con-

stitution, the functions and operation of the organs of government, and party organization and politics. Offered in alternate years. Open to freshmen.

PS 360 INTERNATIONAL RELATIONS (3)
This course is a study of the role of politics, law, science and technology in the relations between nations. It includes an analysis of the problems of the cold war, global strategic views, and the powers and limitations of the United Nations in the struggle for world peace. Offered in alternate years. Prerequisties: PS 201, 202, 203, or permission of the instructor.

PS 401, 402, 403 POLITICAL THEORY AND PHILOSOPHY I,II,III (3, 3, 3)
An historical, interpretative, and analytical survey of Western political thought from ancient times to the present. Fall quarter: Political theory from the ancient Greeks to the Renaissance; Winter quarter: modern times to the twentieth century; Spring quarter: twentieth century political theory, and emphasis on the rise of fascism and the challenge to democracy. Offered in alternate years. Prerequisite: Junior or Senior standing or permission of the instructor.

PS 411 PUBLIC ADMINISTRATION I (3)
Environment of public administration, values, organization theory, line and staff services geography of organization, decision-making, communications, leadership.

PS 412 PUBLIC ADMINISTRATION II (3)
Recruitment and Selection, in-service personnel program, collective bargaining, financial administration, concepts of budgeting, accounting, auditing, purchasing, and international administration.

PS 413r PUBLIC ADMINISTRATION PRACTICUM (1-6; maximum total of 6)
On-site work in and study of a public agency, jointly supervised by college and institutional personnel. Prerequisite: Permission of the instructor.

PS 461, 462, 463 AMERICAN CONSTITUTIONAL LAW I,II,III (3, 3, 3)
This course is an intensive survey of the American constitutional system. Emphasis is placed on the general theoretical background for the American constitutional system, and nature and extent of judicial powers and processes in the United States, and judicial interpretation of the Constitution. Offered in alternate years. Prerequisite: Junior or Senior standing or permission of the instructor.

PSYCHOLOGY

PY 101, 102 INTRODUCTION TO PSYCHOLOGY I,II, (3, 3)
A comprehensive survey of the field of psychology, defined as the scientific study of behavior. These two courses cover a variety of topics within psychology, including development, personality, social interaction, and abnormal behavior (PY 101); and thinking, learning, motivation and emotion (PY 102). Both courses are prerequisite to all other courses in the department with the exception of PY 111, Personal Adjustment.

PY 111 PERSONAL ADJUSTMENT (3)
Theories of development, personality, and socialization are studied as they relate to the mental health and adjustment of the individual.

PY 211 EXPERIMENTAL PSYCHOLOGY (4)
A study of the scientific method and its application to behavior. In addition to a discussion of elementary statistics and experiments in perception, motivation, learning, and emotion. Required of all psychology majors. Prerequisite: PY 101, 102 or consent of instructor.

PY 221 INDUSTRIAL PSYCHOLOGY (3)
Application of psychology to problems of business and industry, including work, job placement, morale, leadership, organizational integration, and motivation. Prerequisites: PY 101, 102 or consent of instructor.

PY 231 PSYCHOLOGY OF CHILDHOOD (3)
An intensive study of childhood growth and development. Primary attention is given to intellectual and emotional development and to socialization processes in the child from birth to the onset of adolesence. Prerequisites: PY 101, PY 102 or consent of the instructor.

PY 241 PSYCHOLOGY OF ADOLESCENCE (3)
An advanced study in the field of developmental psychology with particular attention paid to the physical changes, emotional needs, personality changes, and unique crises characteristic of this period. Prerequisite: PY 101, 102 or consent of instructor.

PY 251 PSYCHOLOGY OF ADULTHOOD AND OLD AGE (3)
An advanced study of the field of developmental psychology dealing with the experience of the adult and aged human being. Attention is given to both theory and research. Prerequisite: PY 101, 102 or consent of instructor.

PY 261 SOCIAL PSYCHOLOGY (3)
An analysis of the behavior and experience of individuals in group settings, examining such topics as leadership, social influence, and intergroup and intragroup relations. Prerequisites: PY 101, 102 or consent of instructor.

PY 303 PSYCHOLOGY OF LEARNING (3)
A study of the psychological principles pertaining to changes in behavior resulting from experience. Such topics as learning theories, reinforcement, punishment, motivation, transfer of training, retention, problem solving, and social influences are discussed. Prerequisite: PY 101, 102 or consent of instructor.

PY 311 ABNORMAL PSYCHOLOGY (3)
A study of psychopathology, maladjustment, and abnormal behavior in human beings: their origins in personality development, their characteristic symptoms, and modern methods of treatment. Prerequisites: PY 101, 102 or consent of instructor.

PY 321, 322 PSYCHOLOGY OF PERSONALITY I,II (3, 3)
The development, organization, and assessment of the normal person is examined (PY 321), together with a consideration of the personality theories coming out of the psychoanalytic, behavioristic, and humanistic traditions (PY 322). Prerequisites: PY 101, 102 or consent of instructor.

PY 331 PHYSIOLOGICAL PSYCHOLOGY (3)
A study of the physical basis of behavior, including the functioning of the nervous system, drug and hormone effects, and sensory processes. The physical orgins of certain abnormal behavioral conditions are also discussed. Prerequisites: PY 101, 102 or consent of instructor.

PY 341 PERCEPTUAL PSYCHOLOGY (3)
A survey of the major senses with emphasis on vision. The course considers sensory processes as related to perception, information processing, and the influence of learning and motivation on perception. Prerequisites: PY 101, 102 or consent of instructor.

PY 411 ADVANCED GENERAL PSYCHOLOGY (3)
Designed to furnish the senior student with an opportunity to review, evaluate, and in tegrate the information he has acquired in his study of psychology. It is designed also t discover weaknesses in this knowledge which need to be filled by a concentrated review o several major areas of psychology. Prerequisites: Senior standing PY 101, 102 or consent o instructor.

PY 421 HISTORY AND SYSTEMS OF PSYCHOLOGY (3)
A survey of the history of psychology and a study of current systems of psychology Prerequisites: PY 101, 102 or consent of instructor.

RELIGION

R 100 THE CHRISTIAN FAITH (3)
An introduction to Christianity including Biblical history and interpretation, the creeds, th history of the church, modern denominations, worship, ethics, and contemporary theology.

R 207 WORLD RELIGIONS (3)
An examination of the beliefs, cultures, and writings of major religions of the world, in cluding Hinduism, Buddhism, Taoism, Confucianism, Shinto, and Islam.

R 209r CONTEMPORARY RELIGIOUS ISSUES (3)
An examination of selected aspects of church life and thinking today and of current secula phenomena and underlying religious significance, such as American Denominations Worship and Music, the Church and Media, Christianity and Myth.

R 211r CONTEMPORARY SOCIAL PROBLEMS (3)
An examination of selected problems which confront people today in the areas of beliefs an relationships to their cultures, such as Bio-Medical Ethics, Public Policy, America Business and Morality, International Problems.

R 217 OLD TESTAMENT (3)
A study of selected parts of the Old Testament, such as the Pentateuch, Historical Books the Prophets, Wisdom Literature, with some attention to their contemporary application.

R 218 NEW TESTAMENT (3)
A reading of the entire New Testament in the light of modern scholarship.

R 300 LIFE AND TEACHINGS OF JESUS (3)
A study of Jesus as depicted in the gospels with an evaluation of his significance for our day

R 305 LIFE AND TEACHINGS OF PAUL (3)
A study of Paul as depicted in his letters and Acts with an evaluation of his impact on th church throughout the centuries.

R 310 UNITED METHODIST HISTORY AND BELIEFS (3)
An examination of the theological beliefs of the Reverend John Wesley, the founder c Methodism and his influence upon the beliefs of the contemporary United Methodis Church.

R 318 HISTORY OF THE CHRISTIAN CHURCH (3)
A brief survey of the institutional and theological history of Christianity from the Ne Testament era to the contemporary period.

319r DIRECTED STUDIES IN CHURCH HISTORY (3)
survey of the institutional history of Christianity from the New Testament era to the ntemporary period.

320 CONTEMPORARY RELIGIOUS THOUGHT (3)
n examination of major twentieth century theologians and movements.

321r DIRECTED STUDIES IN HISTORICAL THEOLOGY (3)
survey of Christian thought from the second through the nineteenth century.

322 OLD TESTAMENT THEOLOGY (3)
consideration of the main theological motifs in the Old Testament.

323r DIRECTED STUDIES IN CONTEMPORARY THEOLOGY (3)
ecialized study of particular twentieth century theologians and movements.

324 NEW TESTAMENT THEOLOGY (3)
consideration of the main theological motifs in the New Testament.

325, 327, 329 CHURCH VOCATIONS PRACTICUM I,II,III (3, 3, 3)
n-site work in and study of a local congregation or church institution, jointly supervised by llege and congregational or institutional personnel. Each course requires ten twelve-hour eeks or three forty-hour weeks at the church or institution. Prerequisites: Nine hours of eligious Studies, and permission of the instructor.

330*, 331*, 332* BIBLICAL HEBREW (3)
n intensive study of Classical Hebrew grammar and vocabulary in the first two quarters ith reading from the Hebrew Old Testament in the last quarter.

335*, 336*, 337* NEW TESTAMENT GREEK (3)
n intensive study of Koine Greek grammar and vocabulary in the first two quarters with ading from the Greek New Testament in the last quarter.

OCIOLOGY

) 101 SOCIOLOGY I: HUMAN INTERACTION (3)
pon completion of this course, a student should be able to demonstrate understanding of: he Discipline, Perspective, and Scientific Method of Sociology: The Social and Cultural atterns of Human Interaction; and The Nature of Social Groups and Organization.

) 102 SOCIOLOGY II: SOCIAL STRUCTURE AND PROCESS (3)
pon completion of this course, a student should be able to demonstrate understanding of: he Nature and Function of Social Institutions: The Principle Explanations (Theoretical chools) of Social Structures and Social Change; and Selected Social Units—Minorities, Sex oles, Deviance, Urban Growth and Population, for example.

) 111 THE SOCIOLOGY OF THE FAMILY (3)
pon completion of this course, a student should be able to demonstrate understanding of: ne Nature and Function of the Family as the primary Social Institution; Cultural and istorical Perspectives of the Family; The Contemporary American Family—Its evelopment and Current Stress, The Meaning of Family Roles—Personal and In- rpersonal; and The Family and Social Change.

SO 201 SELF-AWARENESS AND HUMAN SEXUALITY: THE SEARCH FOR MEANING IN RELATIONSHIPS (3)
Upon completion of this course, a student should be able to demonstrate understanding of Skills to Enhance Self-Understanding, Self-Acceptance, and Personal Growth; Theories and Methods which Facilitate Intentional Living, Interpersonal Communication, and Effective Problem-Solving Skills; Traditional and Contemporary Perspectives of Human Sexuality and the Impact of Social Change upon Personal Relationships, esp. Male and Female Roles.

SO 211 SOCIAL PROBLEMS (3)
Upon completion of this course, a student should be able to demonstrate understanding of Contemporary Perspectives of Social Problems as Personal Deviation, Group-Oriented Behavior, and Problems of Social Control; theoretical aspects of the study of Social Problems; and Identification of and Response to Social Problems—Questions of Values Interests, and Priorities. Prerequisites: SO 101-102 or permission of the instructor.

SO 221 SOCIAL CHANGE (3)
Upon completion of this course, a student should be able to demonstrate understanding of Theoretical Explanations of the Origin, Nature, Function and Consequences of Social Change; Major Vehicles of Social Change, including Social Movements and Socio-Cultural Development; The Role of Leadership, Ideology, Public Opinion and Propaganda in Social Change; and the Affects of change upon the Social Institutions. Prerequisites: SO 101-102 or permission of the instructor.

SO 231, 232, 233 HUMAN SERVICES I,II,III (3, 3, 3)
These courses, intended to be taken in sequence, are concerned with the philosophy behind and the need for professional training and assistance in dealing with personal and social problems in a variety of settings. SO 231 deals with the development of public and voluntary social services in the United States, and to the many facets of human service vocations in today's society. SO 232 develops a point of view for human service workers centering on the worth of the individual and applies this point of view in a variety of training situations involving interview techniques. SO 233 extends this application to behavior modification theory and procedures. Prerequisites: PY 101, 102, SO 101, 102.

SO 261 SOCIAL PSYCHOLOGY (3)
An analysis of the behavior and experience of individuals in group settings, examining such topics as leadership, social, influence, and intergroup and intragroup relations, (PY 261) Prerequisites: PY 101, 102 or SO 101, 102.

SO 301 RACIAL AND CULTURAL MINORITIES (3)
Upon completion of this course, a student should be able to demonstrate understanding of Major Historical and Contemporary Patterns of Majority-Minority Relationships Theoretical Views on Group Relations and Conflict; The Patterns, Functions, Consequences (for majority and minority) of Prejudice and Discrimination; Adjustments of Minority Groups to Prejudice and Discrimination; and Interpretations of Past, Present, and Alternative Futures of Racial and Ethnic Minorities in America. Prerequisites: SO 101-102 or permission of the instructor.

SO 311 SOCIOLOGICAL THEORY (3)
Upon completion of this course, a student should be able to demonstrate understanding of The Historical Development of Social Thought and Theory which most Affect Sociologic Perspectives; The Use of Social Theory as an Integrating and Explanatory Frame Reference for Social Phenomena; and The Consequences of Alternative Theoretical Perspectives, with emphasis upon American Sociology. Prerequisites: SO 101-102 or permission of the instructor.

O 331 CRIMINOLOGY (3)
pon completion of this course, a student should be able to demonstrate understanding of: he Nature, Frequency, and Significance of Criminal Activity; Theories of the Causes of riminal Behavior: Trends in Crime Prevention and Deterrence; and The Role of Social efinition and Response to "Deviance," with Emphasis upon Selected Categories of Crime cluding Juvenile Delinquency, White Collar Crime, "Victimless" Crime, and Organized rime, Prequisites: SO 101-102 or permission of the instructor.

O 401 POPULATION DYNAMICS (3)
pon completion of this course, a student should be able to demonstrate understanding of: he Significance of the Major Demographic Varibles—Birth Rate, Death Rate, and ligration, noting both Their Affect Upon the Cultural Development and Social Structures of ocieties and The Affects of the Cultural-Social Environment Upon Population Variables; lajor Theories of Population Dynamics; and Alternative Patterns of Response to opulation Concerns. Prerequisites: SO 101-102 or permission of the instructor.

O 411 SOCIAL STRATIFICATION (3)
pon completion of this course, a student should be able to demonstrate understanding of: heories of Social Class, Status, and Power; Stratification as the Major Determinant of ife-Style and Life-Chances; The Universal Nature of Differentiation and the Resulting ffects upon Personality Development and Social Ideology and organization. rerequisites: SO 101-102 or permission of the instructor.

O 421, 422 HUMAN SERVICES FIELD WORK I,II (3, 3)
hese courses consist of specialized studies of human services through a field placement nternship) in a service agency. Students also will participate in weekly seminars to study nd evaluate the experiences in their work settings, and to discuss the relationship of these xperiences to their classroom learning experiences. Prerequisites: SO 231, 232, 233.

SPEECH AND THEATER

P 101 INTRODUCTION TO SPEECH (3)
his course introduces the basic principles of interpersonal communication and stresses the nhancement of successful interaction between individuals. Delivery of various types of peeches will be required.

P 201 VOICE SCIENCE (3)
hrough understanding the mechanics of speech, the student learns to hear himself and ien control his voice so that it is more expressive, functional and attractive. Familiarity ith the anatomy of speech production and phonetic symbols, vocal drills and critical stening are the tools of the course.

P 202 ORAL INTERPRETATION (3)
special study in the use of the voice in the interpretation of literature, storytelling, ramatic readings, poetry. Emphasis will be placed on the emotional and intellectual ontent of literature.

P 301 GROUP DISCUSSION AND CONFERENCE LEADERSHIP (3)
he theory and practice of the lecture-forum, round-table, symposium other types of scussion are the primary interest of this course. Suggested for education and business ajors.

SP 303 PERSUASION (3)
A continuation of Group Discussion and Conference Leadership. A study of the use of speech as an agent of social control and persuasion. Special Studies and lecture.

SP 100, 200, 300, 400 FORENSICS WORKSHOP (1)
(12 quarters - 1 hour credit per quarter)
Workshop emphasis is placed on individual participation in forensics activities. The student should select one topic of study from the following: after-dinner, extemporaneous or persuasive speaking; prose, poetry, dramatic interpretation or debate. The topic selected will be prepared specifically for forensic competition. Audition and permission of instructor.

TH 100, 200, 300, 400 DRAMA WORKSHOP
(12 quarters - 1 hour credit per quarter)
Open to all students wishing to take an active role in the creation and production of major dramas. Opportunities for work as business manager, stage manager, lighting technician, properties person, painters, and related backstage responsibilities will be made available.

TH 101, 201, 301, 401 ACTING ENSEMBLE
(12 quarters - 1 hour credit per quarter)
The acting ensemble is composed of a select group of students, chosen by audition, who offer drama productions to the college, area schools, local civic organizations and churches. Public performances are required each quarter.

TH 104 INTRODUCTION TO THEATER (3)
A study of the basic principles of play production as they apply to the establishment and organization of the community on educational theater. This course will include a study of the basic techniques used in acting, directing, and promoting a major dramatic production. A prerequisite for all theater courses.

TH 209 AMERICAN THEATER HISTORY (3)
An in-depth study of the major periods of theater development in American Theater from 1600 to the present. Emphasis is placed on the development of current trends as they evolved from their historical backgrounds.

TH 240 COSTUME AND MAKE-UP DESIGN (3)
A study of the basic costume design and its relationship to the cultural, psychological and physiological nature of all mankind. Also, a study of the make-up procedures for various visual and acting experiences.

TH 309 WORLD THEATER HISTORY (3)
A survey of the major periods of theater development through the ages with an emphasis placed on the art forms, techniques, and contributions of each era.

TH 408 DIRECTING (3)
A laboratory course providing experience in the directing of a major educational or community theater production. This course includes the principles and procedures of play direction including play selection, interpretation, and the patterning of auditory and visual stimuli. Permission of the instructor.

College Personnel

EXECUTIVE OFFICERS

eorge E. Naff, Jr., B.A., M. Div., D.D., President

ames E. Cheek, B.A., M.A.T., Vice President for Institutional Advancement

I. Albert Dimmitt, Sr., B.S., M.A., Ph. D., Academic Dean

ean D. Arrants, B.S., Business Manager

tephen M. Beller, B.S., M.S., Ph. D., Dean of Student Services

DMINISTRATIVE OFFICERS

onnie Akers, R.N., Nurse

erry Bivens, B.S., M. Ed., Financial Aid Officer

obbie Ensminger, A.A., Director of Alumni Affairs

od Fridley, B.A., M.S., Admissions Counselor, Baseball Coach

rthur Goon, B.S., Admissions Counselor, Soccer Coach

illiam J. Gribben, B.A., M.A., Director of Publicity

onnie LaFevor, A.A., B.A., M.A., Assistant Dean of Student Services

ugenia Miller, Assistant to the Business Manager

amon Mitchell, A.A., B.S., M. Div., Director of Admissions

Christian Wilson, A.B., M. Div., Ph. D., Campus Minister

nita W. Withers, A.B., M. Ed., M.A., Registrar

nne Young, Admissions Counselor

IBRARY STAFF

ouise I. Harms, B.S., B.S. in L.S., Director of the Library

ames D. Tingen, B.A., M.L.S., Coordinator of the Readers Advisory Service

era Coe, Assistant to the Librarian

ydney Gribben, Reference Assistant

ane Shultz, Periodicals & Audiovisuals Assistant

imberly Warnken, Secretary

OFFICE STAFF

Carol Bates, Assistant to the Business Manager

Phyllis Bostick, B.A., Secretary to the President

Naomi M. Greenland, Secretary to Admissions Office

Debbie Patterson, Bookkeeper

Betty Miller, Admissions Office Manager

Doris Perry, Secretary to Vice President for Institutional Advancement

Sarah Pointer, Book Store Manager

Evelyn Saunders, Secretary to Registrar and to Director of Continuing Education

Louise Trotter, Secretary to Academic Dean

Holland Vibbert, Secretary to the Dean of Student Services

Charlotte Washington, Manager of Service Room

PROFESSORS EMERITUS

Floyd E. Bowling (Mathematics - 1959); A.B., Lincoln Memorial University; M.S., Sta University of Iowa; Ed. D., University of Tennessee; Sc. D., Tennessee Wesleyan College.

Herbert Neff (Education - 1964); B.A., Anderson College; M.A., Kent State University.

PROFESSORS

Lowell L. Brubaker (Psychology - 1970); B.S., Juniata College; M.S., Western Reser University; Ph. D., University of Texas at Austin.

Edmond R. Cox (Biology - 1968); B.S., M.S., Ph. D., University of Alabama.

M. Albert Dimmitt (History - Political Science - 1979); B.S., Kansas State University; M. Ph. D., University of Kansas.

Durwood Dunn (Political Science and History - 1975); B.A., M.A., Ph. D., University Tennessee.

Robert Ryberg (Education - 1972); B.S., Howard Payne College; M.A., Ed. D., Ariz State University.

Genevieve Wiggins (English - 1961); A.B., University of Chattanooga; M.A., Vander University; Ph. D., University of Tennessee.

John E. Woods (Biology - 1969); B.S., Millsaps College; M.S., Mississippi State Universi Ph. D., University of Southern Mississippi.

SSOCIATE PROFESSORS

oyce R. Baker (Chemistry - 1981); B.S., Ohio Northern University; Ph. D., Texas A & M niversity.

ames E. Cheek, II (English - 1976); B.A., Emory and Henry College; M.A.T., University of attanooga.

effrey J. Folks (English - 1976); B.A., Reed College; M.A., Ph. D., Indiana University.

ouise I. Harms (Library Science and Librarian - 1964); B.A., University of Alabama; B.S. L.S., George Peabody College for Teachers.

.T. Hutson (Business Administration - 1956); B.S., M.S., University of Tennessee.

lizabeth A. Keirn (Health, Physical Education and Recreation - 1966); B.S., University of ennessee; M.S., Florida State University.

anice Ryberg (Music - 1972); B.S., M. Ed., Univeristy of Missouri; M. Mus., D. Mus., orida State University.

ton L. Smith (Mathematics - 1960); B.S., Middle Tennessee State University; M.A., niversity of Illinois.

SSISTANT PROFESSORS

arnell Chance (Music - 1982) B.A., Tennessee Wesleyan College, M. Div., Candler School Theology, Emory University; M.A., University of Tennessee, Knoxville.

avid Duncan (History - 1976); B.A., University of Tennessee; M.A., Ph. D., Vanderbilt niversity.

wain Farmer (Health, Physical Education and Recreation - 1965); B.S., Tennessee esleyan College; M.S., University of Tennessee.

saac E. Gaidoo, Sr. (Business Administration - 1981); A.A., Michigan Christian College; .S., M.S., Ph. D., Indiana State University.

ary L. Greenhoe (English and Music - 1980); B.M., Shorter College; M.M., Oberlin ollege; Ed. D., University of Tennessee.

Courtney Senn (Mathematics - 1963); B.S., U.S. Naval Academy; M.A.T., Duke niversity.

ames W. Thompson (Sociology - 1971); B.A., Southwestern University; M.A., University of ouston.

ynn E. Whiting (Speech and Theater - 1970); B.S., Troy State University; M.S., Mississippi ate University.

Christian Wilson (Religion and Philsophy - 1979); A.B., Duke University; M. Div., n. M., Duke Divinity School; Ph. D., Duke University.

INSTRUCTORS

Nancy N. Boardman (Education - 1981); B.S., University of Tennessee; M.S., Georg Peabody College for Teachers at Vanderbilt University; Ed. D. In Progress.

Doris Burrus (Behavioral Science - 1980); B.A., University of Tennessee; Ph. D., Universi of Tennessee (expected in 1983).

William J. Gribben (Communications - 1981); B.A., M.A., University of West Florida.

Stan Harrison (Health, Physical Education - 1982) B.S., University of Tennessee, Knoxvill M.S. (In Progress)

Bryan A. Jackson (Business Administration - 1980); B.S., M.B.A., University of Tennessee

ADJUNCT FACULTY

Bill Akins (Political Science)
Hilda Avant (Education)
Howell Bell (Business Administration)
Laura Brown (Art)
Beth Caufield (Education)
Nancy Daily (Aviation)
Emily Dewhirst (French)
Budd Duncan (Chemistry, Physics)
Robert George (Cleveland, Accounting)
Chuck Goodhard (Chattanooga, Economics)
Bonita Gillespie (Knoxville, Accounting)
Sam Haun (Philosophy)
Charles Hendrickson (Chattanooga, Business Administration)
Doug Hutson (Knoxville, Accounting)
Pat Ingraham (Business Law)
Margaret Jessiman (Knoxville, Political Science)
Karen Jones (Cleveland, Business Policy)
Paul Ketron (Mathematics)
Jim Lay (Chattanooga, Accounting)
Dennis Newman (Knoxville, Religion)
Pam Rigsby (Chattanooga, English)
Clyde Russell, Jr., (Knoxville, Business Administration)
Rob Schriver (Knoxville, Business Writing)
Lynn Till (RPG Program)
Kevin Trent (Knoxville, Statistics)
Ben Wilson (Physical Education)

TENNESSEE WESLEYAN COLLEGE
Academic Calendar, 1983-84

Fall Quarter, 1983

Faculty Orientation	Friday, September 16
Dorms Open for New Students	Sunday (1 p.m.), September 18
New Student Orientation	Monday-Wednesday, September 19-21
Dorms Open for Returning Students	Wednesday (1 p.m.), September 21
Registration: New Students	Wednesday, September 21
Returning Students	Thursday, September 22
Classes Begin	Friday, September 23
Last Day to Add Classes	Thursday, September 28
Last Day to Drop Classes with 80% Refund	Thursday, October 6
Mid-Term - Last Day to Drop Course with WD grade	Thursday, October 27
Pre-Registration for Winter Qtr.	November 14 thru December 2
Thanksgiving Holiday Begins 5 p.m.	Wednesday, November 23
Resume Classes 8 a.m.	Monday, November 28
Last Day of Classes	Friday, December 2
Final Exams	Monday-Thursday, December 5-8

Winter Quarter, 1984

Dorms Open	Monday, (1 p.m.), January 2
Registration	Tuesday, January 3
Last Day to Apply for June Graduation	Wednesday, January 4
Classes Begin	Wednesday, January 4
Last Day to Add Class	Tuesday, January 10
Last Day to Drop Class with 80% Refund	Tuesday, January 17
Mid-Term — Last Day to Drop Course with WD grade	Friday, February 3
Pre-Registration for Spring Qtr.	February 27 thru March 9
Last Day of Classes	Friday, March 9
Final Exams	Monday-Thursday, March 12-15
Spring Break	March 16 to March 20

Spring Quarter, 1984

Dorms Open	Tuesday (4 p.m.), March 20
Registration	Wednesday, March 21
Classes Begin	Thursday, March 22
Last Day to Apply for August Graduation	Thursday, March 22
Last Day to Add Classes	Wednesday, March 28
Last Day to Drop Class with 80% Refund	Wednesday, April 4
Good Friday Holiday	Friday, April 20
Mid-Term - Last Day to Drop Course with WD grade	Tuesday, April 24

Pre-Registration	April 30 thru May 18
Last Day of Classes	Friday, May 25
Final Exams	Monday-Thursday, May 28-31
Commencement	Saturday, June 2

Summer Session, 1984

Registration	Wednesday, June 6
First Tri-Term begins	Thursday, June 7
thru	Wednesday, June 27
Second Tri-Term begins	Thursday, June 28
Holiday	Wednesday, July 4
Second Tri-Term ends	Wednesday, July 18
Third Tri-Term begins	Thursday, July 20
thru	Wednesday, August 8
Long Term begins	Thursday, June 7
thru	Wednesday, August 8

TTACH RECENT
PHOTOGRAPH
ead and Shoulders)
with paper clip

FOR OFFICE USE ONLY

Application Fee _____
Receipt No. _____
Deposit _____
Receipt No. _____

TENNESSEE WESLEYAN COLLEGE
APPLICATION FOR ADMISSION

25.00 non-refundable application fee is to accompany this form. All materials are to be sent to: The Office of Admissions, nnessee Wesleyan, Athens, Tennessee 37303. Phone inquiries should call (615) 745-5872.

Name _____ (LAST) (FIRST) (MIDDLE) Phone (AC) _____

Address _____ (NUMBER) (STREET) (CITY)

_____ (STATE) (ZIP CODE) Social Security Number _____

'eteran: ☐ Yes ☐ No

Marital Status:
☐ Married
☐ Single

U.S. Citizen:
☐ Yes
☐ No

Sex:
☐ Female
☐ Male

Branch: _____

Date of Birth: _____ Place of Birth: _____

am applying for: ☐ Fall 19____ ☐ Winter 19____ ☐ Spring 19____ ☐ Summer 19____

will be a (Check all that apply)

☐ Freshman ☐ Full-time ☐ Degree ☐ Resident
☐ Transfer ☐ Part-time ☐ Non-Degree ☐ Commuter

plan to major in:

☐ Accounting
☐ Behavioral Sciences
☐ Biology
☐ Business Management & Economics
☐ Chemistry
☐ Church Vocation
☐ Communications
☐ Elementary Education
☐ English
☐ Health & Physical Education
☐ History
☐ Human Services
☐ Math & Physical Sciences
☐ Medical Technology
☐ Music
☐ Undecided
☐ Physical Education
☐ Pre-Seminary
☐ Psychology
☐ Public Administration
☐ Social Science
☐ Speech & Theater
☐ Bachelor of Applied Science
☐ Aviation

☐ I plan to secure secondary teacher certification.

Other _____

☐ I would like the elementary - special education combination.

ist all high schools and/or colleges you have attended or are attending:

High School/College	Address	Attended From To	Degree

Have you taken the ACT/SAT? ☐ Yes ☐ No If yes, When: _____

Will you be applying for financial aid? ☐ Yes ☐ No If yes, have the following been filed?

1) Financial Aid Form (FAF) or Family Financial Statement (FFS)?
☐ Yes ☐ No If yes, which one? _____

2) Basic Educational Opportunity Grant (BEOG)?
☐ Yes ☐ No When? _____

3) Your State's Grant or Scholarship Program? Which one _____

_____ When? _____

Name of parents or guardians: _____
(LAST) (FIRST)

Address: _____
(STREET) (CITY) (STATE) (ZIP CODE)

Occupation: _____
(FATHER) (MOTHER)

Your religious preference: _____ Home Church: _____

Minister's Name: _____

Do you have any disabilities that would require the college to provide special facilities? ☐ Yes ☐ No If yes, please explain: _____

How did you first hear about TWC? _____

"I certify that the above statements are complete and true to the best of my knowledge. I understand that credentials filed in support of this application become the property of the college and are not returnable. I agree, if I am accepted and I enroll to abide by the policies and regulations of the college."

_____ _____
SIGNATURE DATE

Tennessee Wesleyan College adheres to the principal of equal educational and employment opportunity without regard to race, sex, color, creed, or national origin. This policy extends to all programs and activities supported by the college.